

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU103122\
 Data File : VU051605.D
 Acq On : 31 Oct 2022 10:58
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005189

Quant Time: Nov 01 01:22:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 29 00:39:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	211358	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	214925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	112810	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	77103	4.844	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	96.800%	
7) Chloroethane-d5	1.912	69	82253	4.954	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	99.000%	
11) 1,1-Dichloroethene-d2	2.565	65	28245	4.889	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	97.800%	
20) 2-Butanone-d5	4.629	46	314681	54.585	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.160%	
24) Chloroform-d	5.063	84	180063	4.834	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	96.600%	
26) 1,2-Dichloroethane-d4	5.700	65	94900	4.716	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	94.400%	
32) Benzene-d6	5.726	84	315616	4.653	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.000%	
36) 1,2-Dichloropropane-d6	6.690	67	114599	4.832	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	96.600%	
41) Toluene-d8	7.896	98	255088	4.783	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	95.600%	
43) trans-1,3-Dichloroprop...	8.179	79	35680	4.920	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	98.400%	
46) 2-Hexanone-d5	8.632	63	242259	55.496	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.000%	
56) 1,1,2,2-Tetrachloroeth...	10.754	84	112134	5.160	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.200%	
66) 1,2-Dichlorobenzene-d4	12.192	152	95578	4.616	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.400%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	139144	6.020	ug/L	100
3) Chloromethane	1.523	50	136496	4.684	ug/L	98
5) Vinyl chloride	1.604	62	150479	5.391	ug/L #	70
6) Bromomethane	1.858	94	40918	3.092	ug/L	94
8) Chloroethane	1.932	64	93631	5.524	ug/L	94
9) Trichlorofluoromethane	2.137	101	179795	5.868	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	108254	6.010	ug/L	98
12) 1,1-Dichloroethene	2.578	96	101923	5.547	ug/L	98
13) Acetone	2.642	43	171470	58.621	ug/L	98
14) Carbon disulfide	2.793	76	330765	5.584	ug/L	100
15) Methyl Acetate	2.954	43	41505	5.420	ug/L	97
16) Methylene chloride	3.044	84	153341	5.095	ug/L	98
17) Methyl tert-butyl Ether	3.362	73	221717	5.262	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	106356	5.393	ug/L	96
19) 1,1-Dichloroethane	3.867	63	196543	5.404	ug/L	99
21) 2-Butanone	4.710	43	270493	59.050	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	117518	5.386	ug/L	98
23) Bromochloromethane	4.973	128	55839	5.473	ug/L	97
25) Chloroform	5.086	83	203335	5.389	ug/L	98

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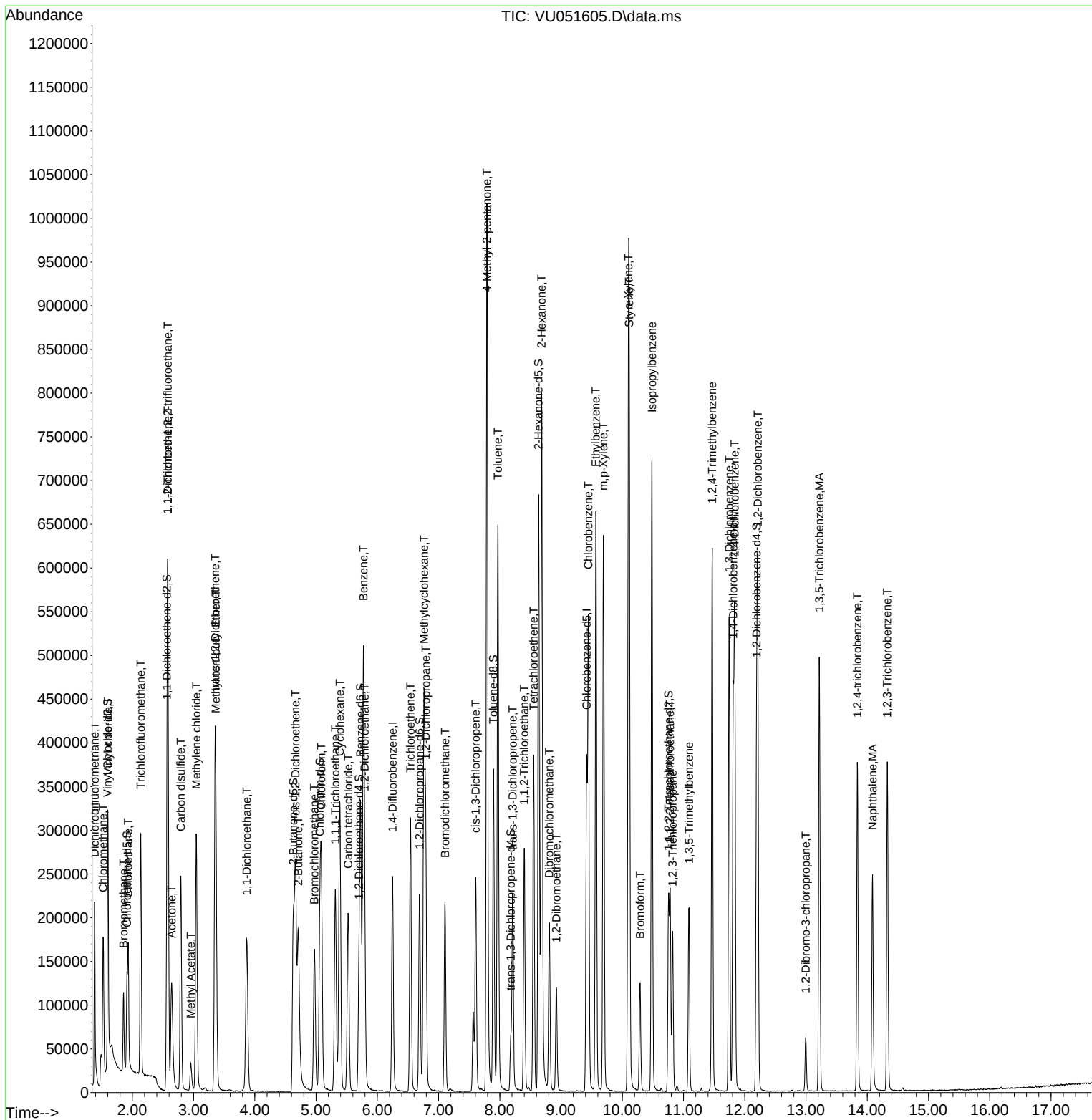
Instrument :
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 ClientSampleId :
 VSTD005189

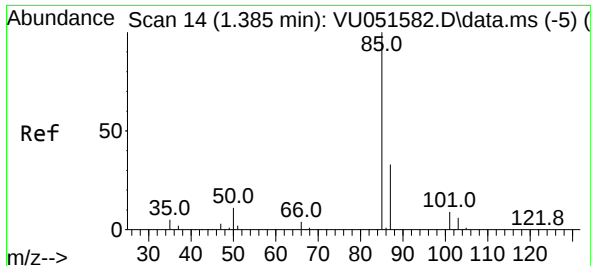
Quant Time: Nov 01 01:22:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 29 00:39:42 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.793	62	123057	5.299	ug/L	95
29) 1,1,1-Trichloroethane	5.314	97	165455	5.670	ug/L	99
30) Cyclohexane	5.388	56	155767	5.797	ug/L	99
31) Carbon tetrachloride	5.523	117	143488	5.749	ug/L	98
33) Benzene	5.774	78	460591	5.431	ug/L	100
34) Trichloroethene	6.542	95	110954	5.421	ug/L	97
35) Methylcyclohexane	6.764	83	170080	6.010	ug/L	99
37) 1,2-Dichloropropane	6.790	63	117722	5.396	ug/L	100
38) Bromodichloromethane	7.105	83	146288	5.490	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	149549	5.344	ug/L	99
40) 4-Methyl-2-pentanone	7.790	43	629961	57.573	ug/L	99
42) Toluene	7.970	91	489830	5.623	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	132321	5.657	ug/L	99
45) 1,1,2-Trichloroethane	8.398	97	88583	5.541	ug/L	99
47) Tetrachloroethene	8.552	164	89572	5.714	ug/L	94
48) 2-Hexanone	8.684	43	485115	59.897	ug/L	99
49) Dibromochloromethane	8.809	129	100554	5.506	ug/L	99
50) 1,2-Dibromoethane	8.922	107	81686	5.664	ug/L	98
51) Chlorobenzene	9.446	112	296440	5.407	ug/L	99
52) Ethylbenzene	9.568	91	463775	5.518	ug/L	100
53) m,p-Xylene	9.693	106	183540	5.622	ug/L	95
54) o-Xylene	10.098	106	178842	5.606	ug/L	98
55) Styrene	10.115	104	313660	5.881	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.780	83	113240	5.713	ug/L	98
59) Bromoform	10.291	173	58153	5.579	ug/L	98
60) Isopropylbenzene	10.484	105	461936	5.609	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	78814	5.403	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	114873	5.181	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	341152	5.337	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	228364	5.570	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	224225	5.455	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	217578	5.448	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	16473	5.484	ug/L	93
69) 1,3,5-Trichlorobenzene	13.217	180	157763	5.398	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	117671	5.245	ug/L	98
71) Naphthalene	14.085	128	211312	5.046	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	119593	5.279	ug/L	100

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

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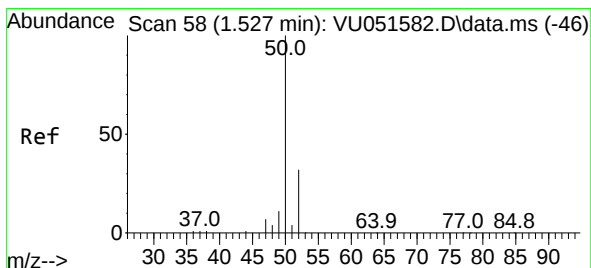
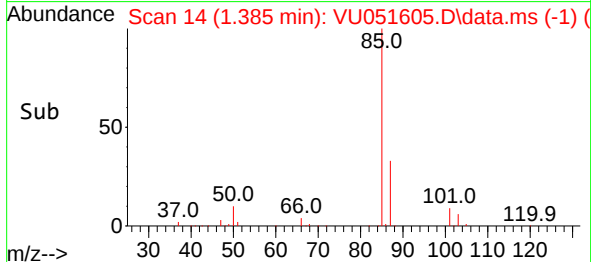
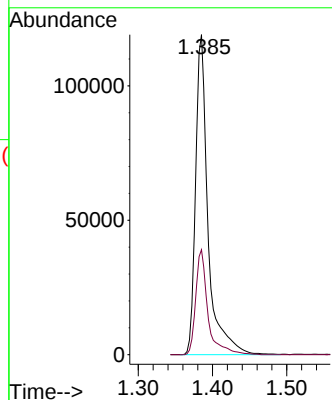
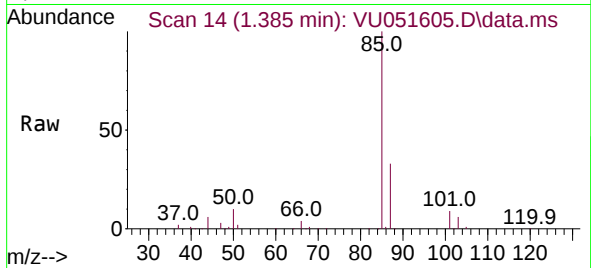




#2
Dichlorodifluoromethane
Concen: 6.020 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

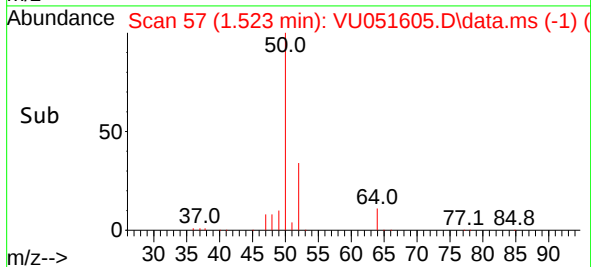
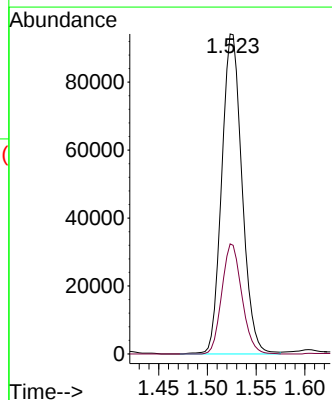
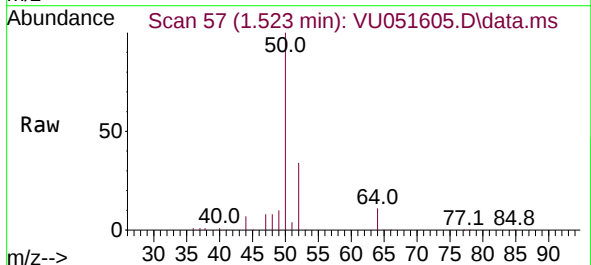
Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

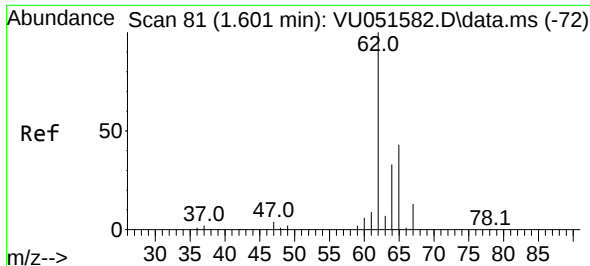
Tgt Ion: 85 Resp: 139144
Ion Ratio Lower Upper
85 100
87 32.3 25.7 38.5



#3
Chloromethane
Concen: 4.684 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.003 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion: 50 Resp: 136496
Ion Ratio Lower Upper
50 100
52 34.4 23.2 43.2

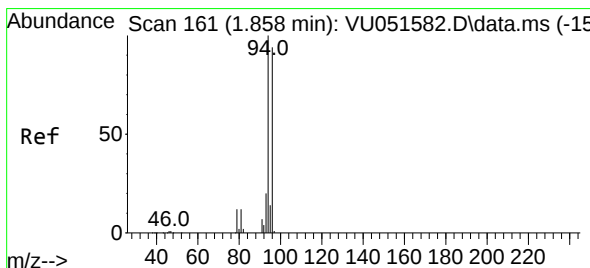
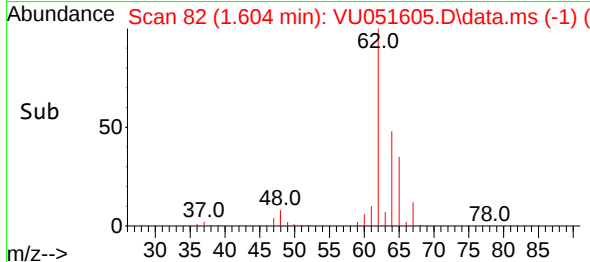
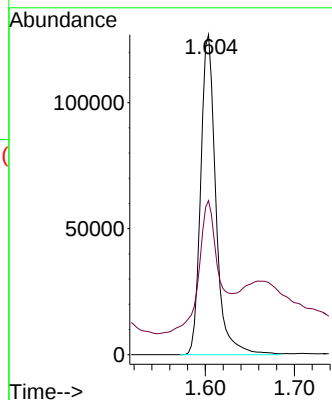
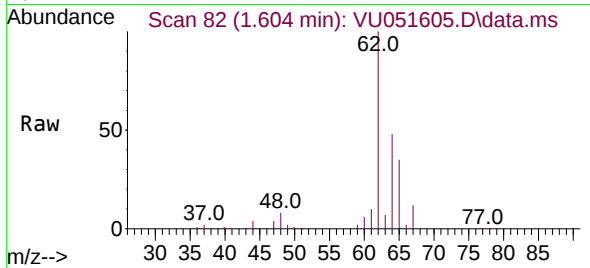




#5
 Vinyl chloride
 Concen: 5.391 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU051605.D
 Acq: 31 Oct 2022 10:58

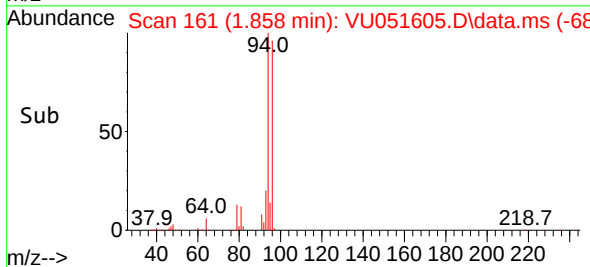
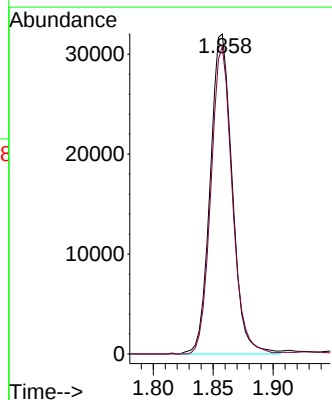
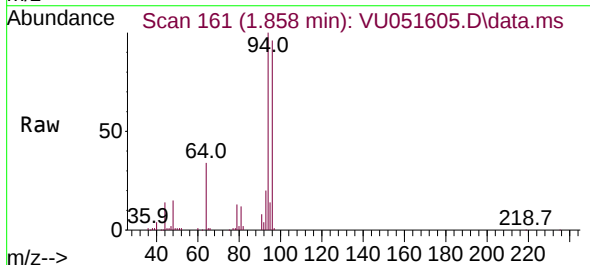
Instrument :
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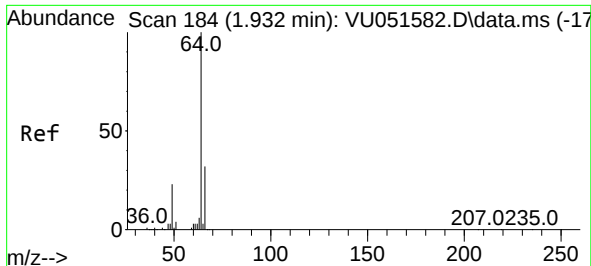
Tgt Ion: 62 Resp: 150479
 Ion Ratio Lower Upper
 62 100
 64 48.1 22.1 41.1#



#6
 Bromomethane
 Concen: 3.092 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.000 min
 Lab File: VU051605.D
 Acq: 31 Oct 2022 10:58

Tgt Ion: 94 Resp: 40918
 Ion Ratio Lower Upper
 94 100
 96 96.0 63.2 117.4

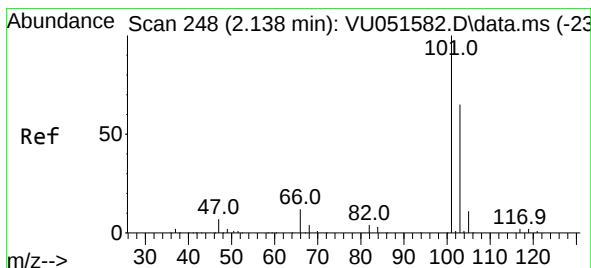
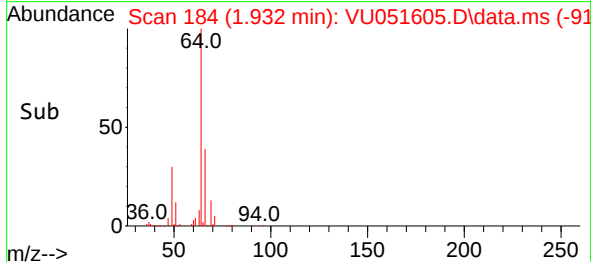
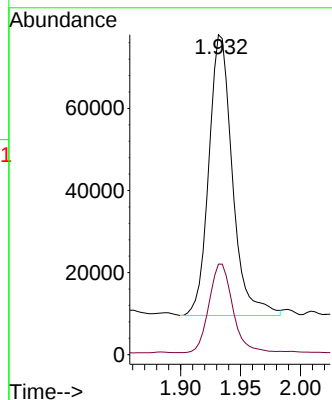
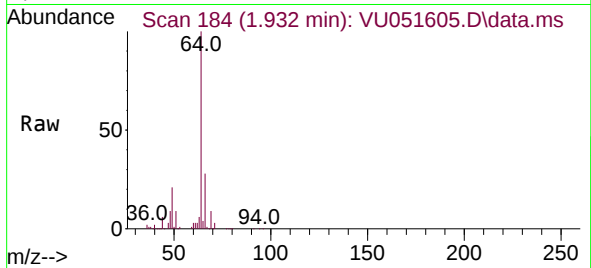




#8
Chloroethane
Concen: 5.524 ug/L
RT: 1.932 min Scan# 184
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

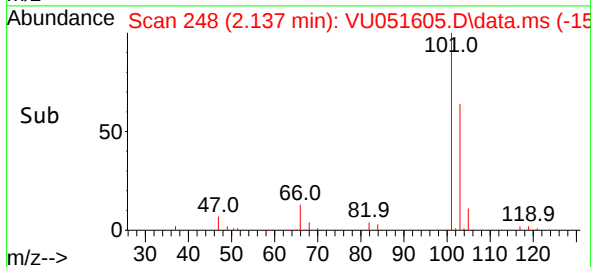
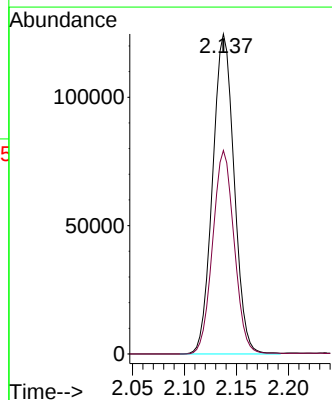
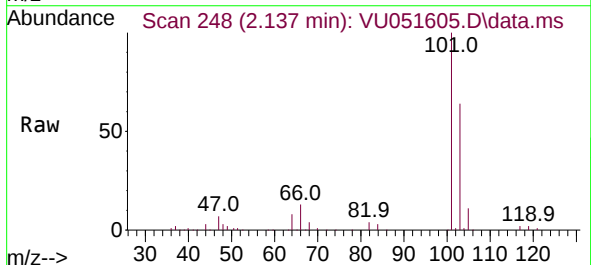
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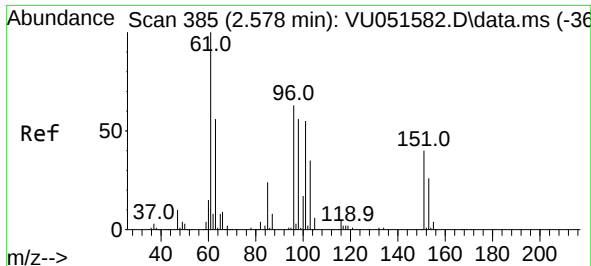
Tgt Ion: 64 Resp: 93631
Ion Ratio Lower Upper
64 100
66 28.3 22.3 41.5



#9
Trichlorofluoromethane
Concen: 5.868 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion:101 Resp: 179795
Ion Ratio Lower Upper
101 100
103 63.5 51.8 77.6

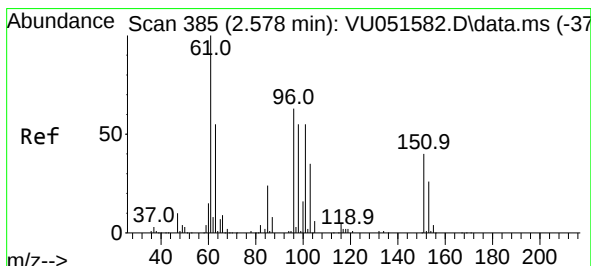
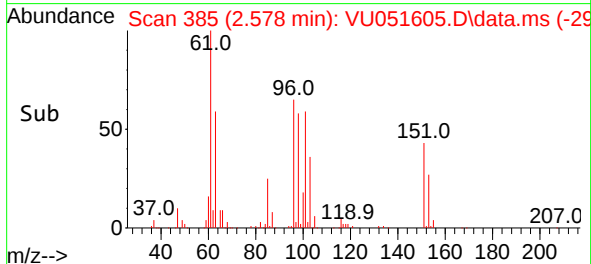
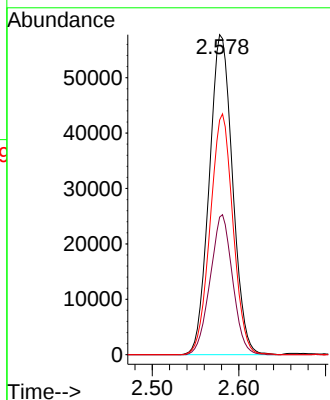
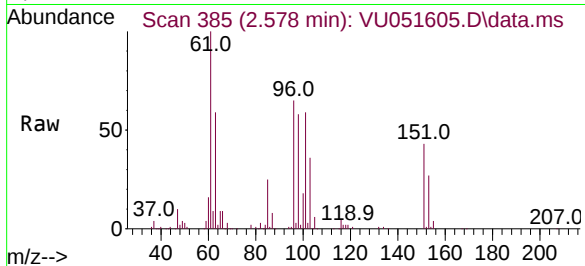




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 6.010 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051605.D
 Acq: 31 Oct 2022 10:58

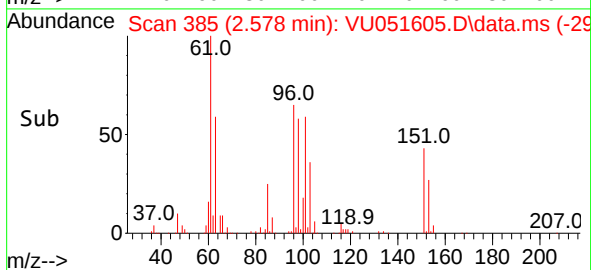
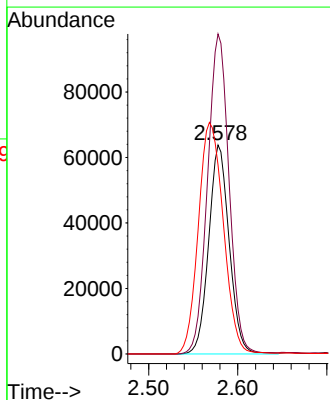
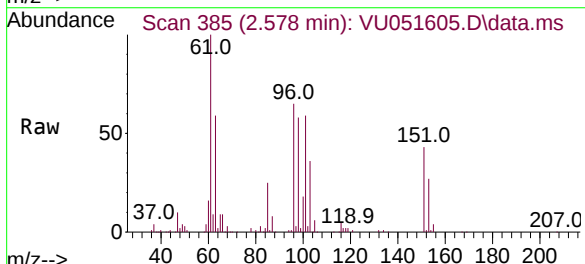
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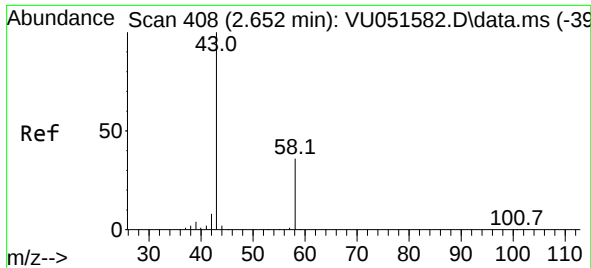
Tgt Ion:101 Resp: 108254
 Ion Ratio Lower Upper
 101 100
 85 41.9 35.6 53.4
 151 73.6 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 5.547 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.000 min
 Lab File: VU051605.D
 Acq: 31 Oct 2022 10:58

Tgt Ion: 96 Resp: 101923
 Ion Ratio Lower Upper
 96 100
 61 153.1 108.8 202.0
 63 90.4 64.9 120.5





#13

Acetone

Concen: 58.621 ug/L

RT: 2.642 min Scan# 408

Delta R.T. -0.010 min

Lab File: VU051605.D

Acq: 31 Oct 2022 10:58

Instrument :

MSVOA_U

ClientSampleId :

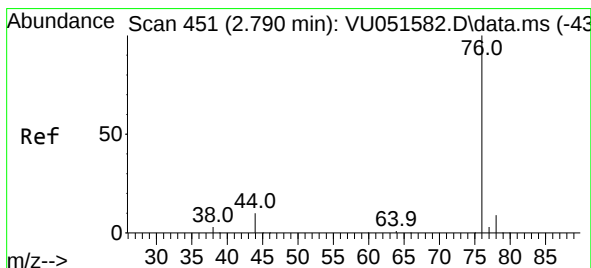
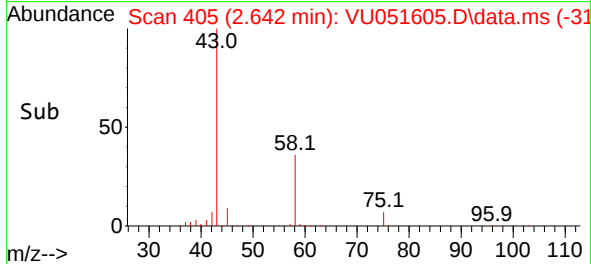
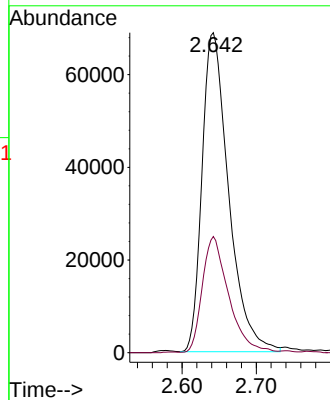
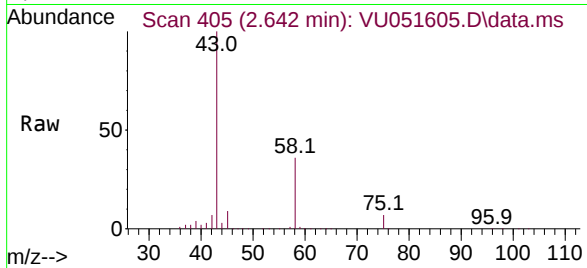
VSTD005189

Tgt Ion: 43 Resp: 171470

Ion Ratio Lower Upper

43 100

58 35.6 0.0 73.8



#14

Carbon disulfide

Concen: 5.584 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU051605.D

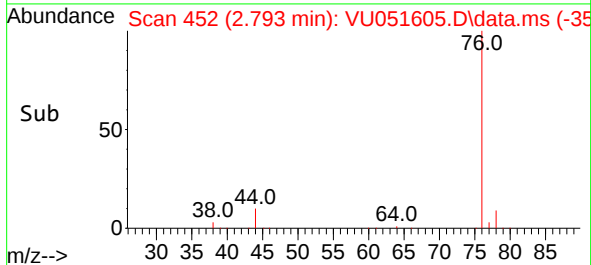
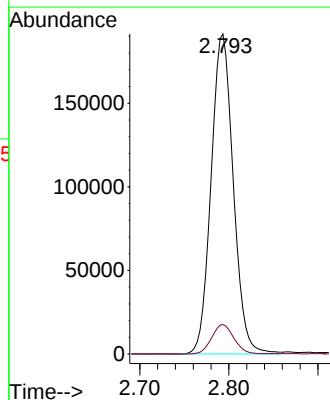
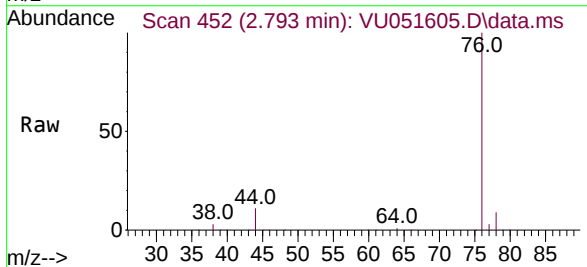
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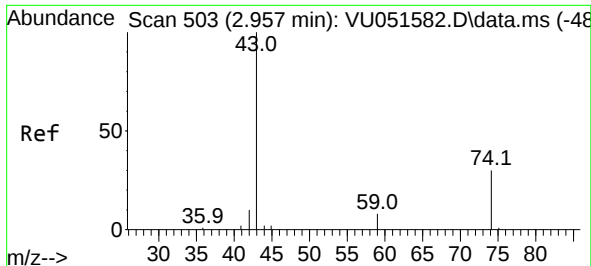
Tgt Ion: 76 Resp: 330765

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

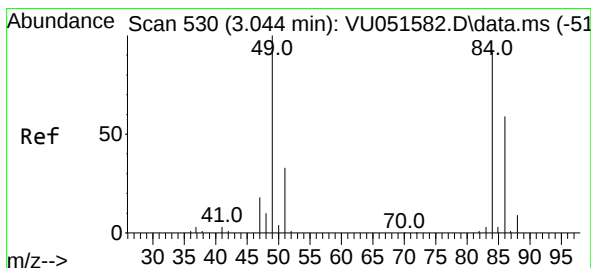
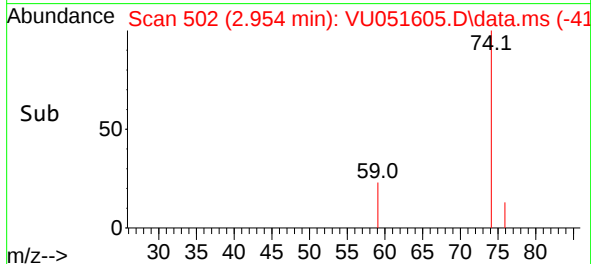
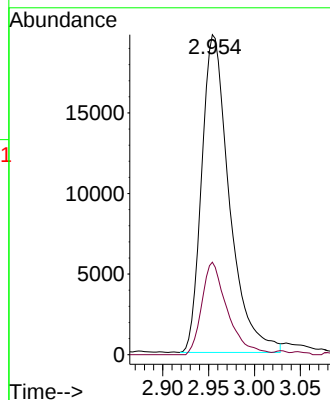
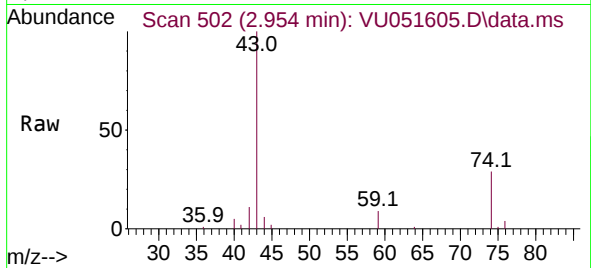




#15
Methyl Acetate
Concen: 5.420 ug/L
RT: 2.954 min Scan# 50
Delta R.T. -0.003 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

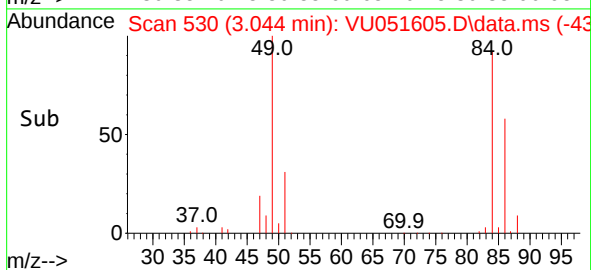
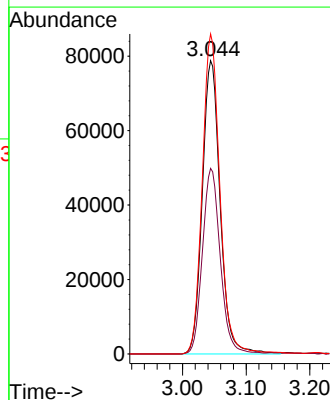
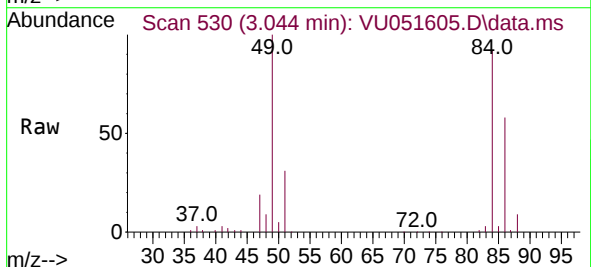
Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

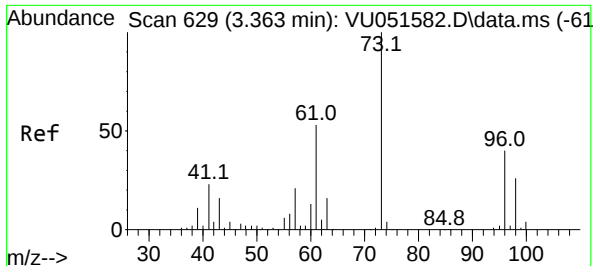
Tgt Ion: 43 Resp: 41505
Ion Ratio Lower Upper
43 100
74 26.8 20.2 30.4



#16
Methylene chloride
Concen: 5.095 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion: 84 Resp: 153341
Ion Ratio Lower Upper
84 100
86 63.3 46.3 85.9
49 109.1 76.0 141.2





#17

Methyl tert-butyl Ether

Concen: 5.262 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU051605.D

Acq: 31 Oct 2022 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD005189

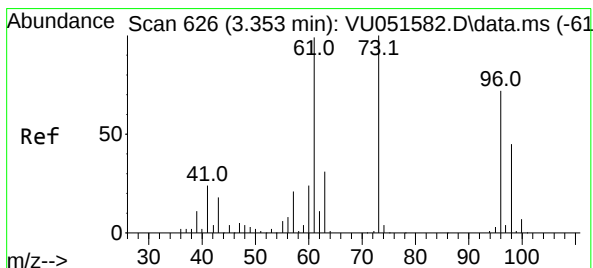
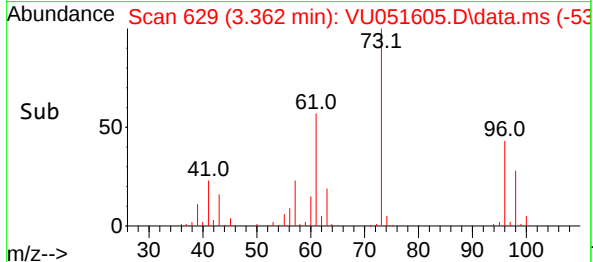
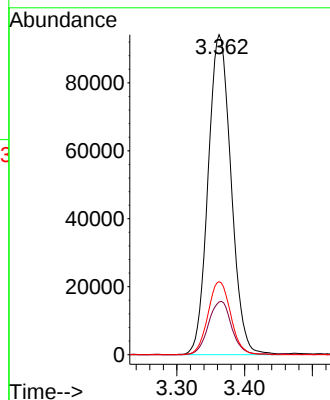
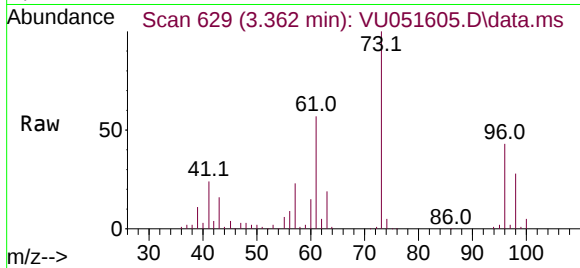
Tgt Ion: 73 Resp: 221717

Ion Ratio Lower Upper

73 100

43 16.5 13.6 20.4

57 22.6 17.5 26.3



#18

trans-1,2-Dichloroethene

Concen: 5.393 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU051605.D

Acq: 31 Oct 2022 10:58

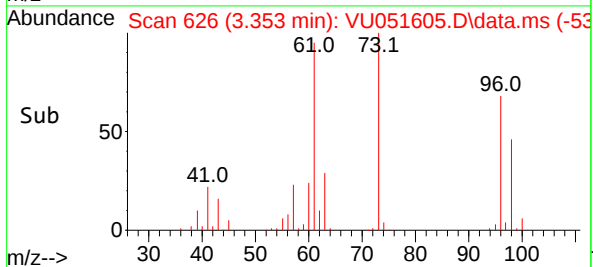
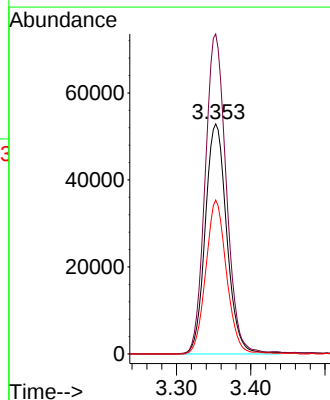
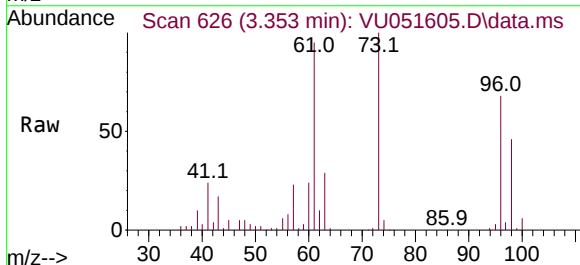
Tgt Ion: 96 Resp: 106356

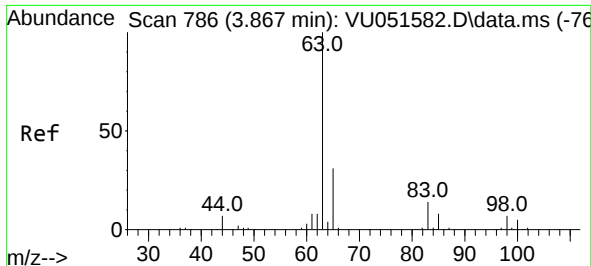
Ion Ratio Lower Upper

96 100

61 139.1 94.7 175.9

98 66.9 44.2 82.0





#19

1,1-Dichloroethane

Concen: 5.404 ug/L

RT: 3.867 min Scan# 71

Delta R.T. -0.000 min

Lab File: VU051605.D

Acq: 31 Oct 2022 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD005189

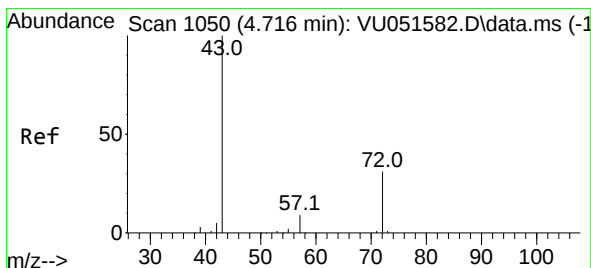
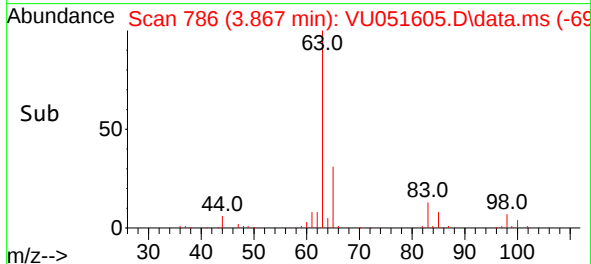
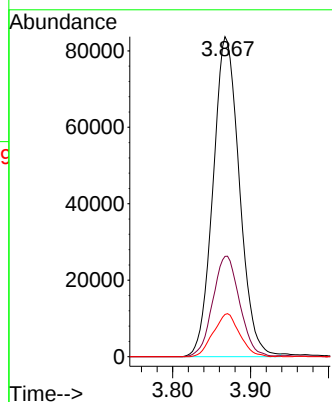
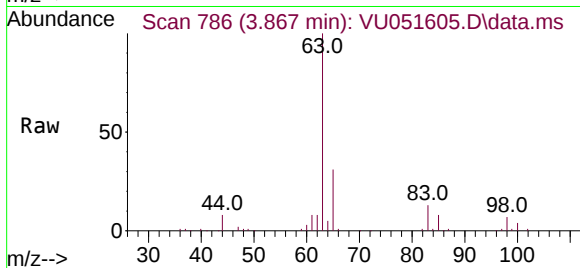
Tgt Ion: 63 Resp: 196543

Ion Ratio Lower Upper

63 100

65 31.3 22.7 42.1

83 13.2 9.2 17.0



#21

2-Butanone

Concen: 59.050 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.007 min

Lab File: VU051605.D

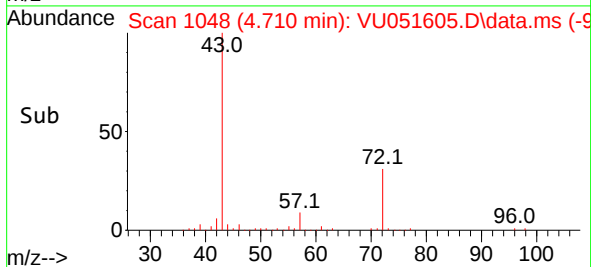
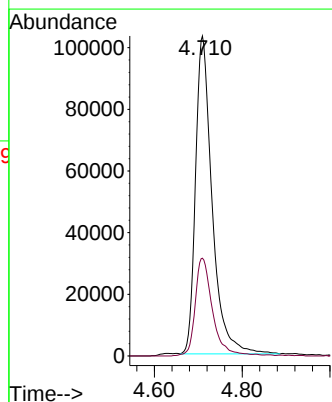
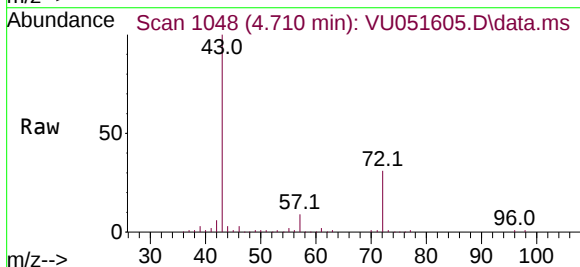
Acq: 31 Oct 2022 10:58

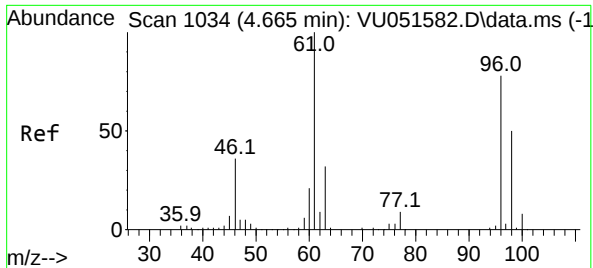
Tgt Ion: 43 Resp: 270493

Ion Ratio Lower Upper

43 100

72 31.9 16.2 48.5

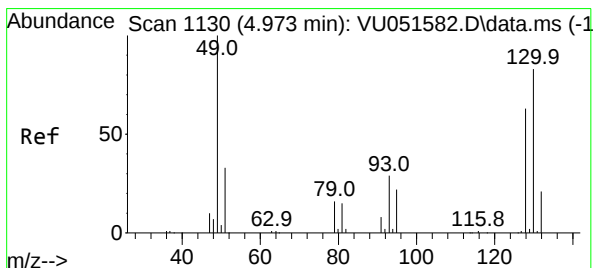
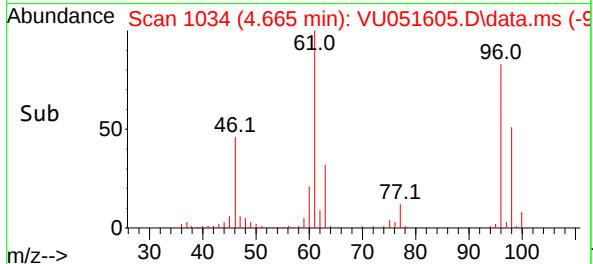
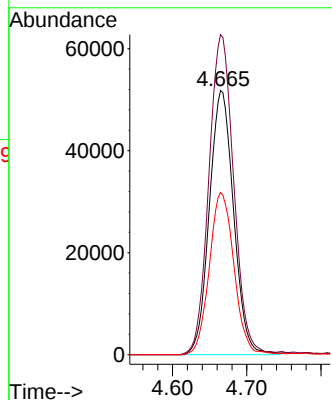
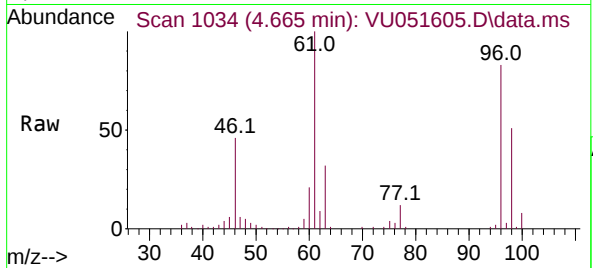




#22
 cis-1,2-Dichloroethene
 Concen: 5.386 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU051605.D
 Acq: 31 Oct 2022 10:58

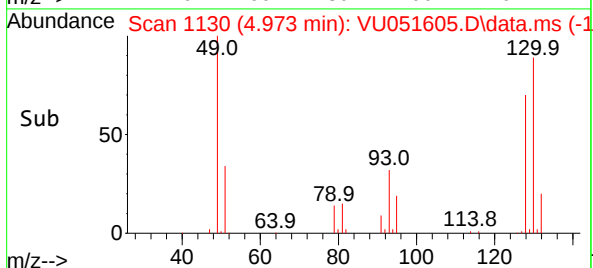
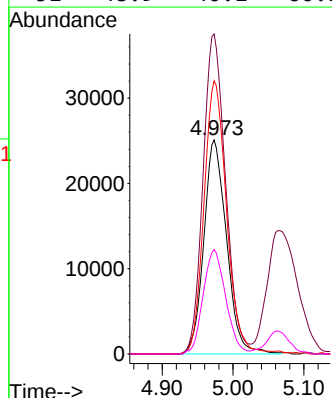
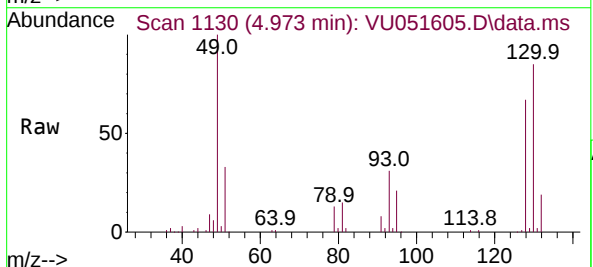
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005189

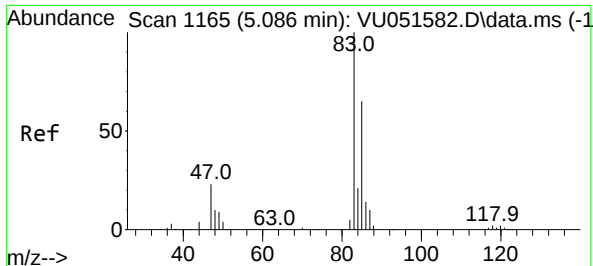
Tgt Ion: 96	Resp: 117518
Ion Ratio	Lower Upper
96 100	
61 121.1	86.4 160.4
98 61.4	44.2 82.2



#23
 Bromochloromethane
 Concen: 5.473 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. -0.000 min
 Lab File: VU051605.D
 Acq: 31 Oct 2022 10:58

Tgt	Ion:128	Resp:	55839
Ion	Ratio	Lower	Upper
128	100		
49	149.5	105.5	195.9
130	127.6	93.5	173.7
51	48.9	40.1	60.1





#25

Chloroform

Concen: 5.389 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. -0.000 min

Lab File: VU051605.D

Acq: 31 Oct 2022 10:58

Instrument :

MSVOA_U

ClientSampleId :

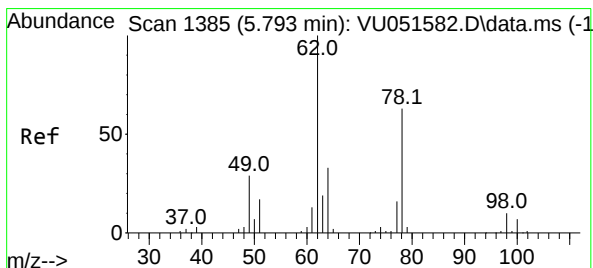
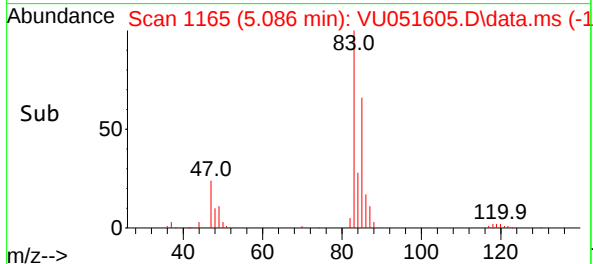
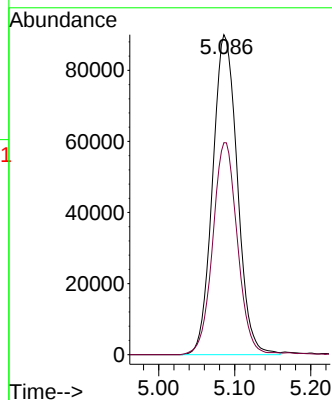
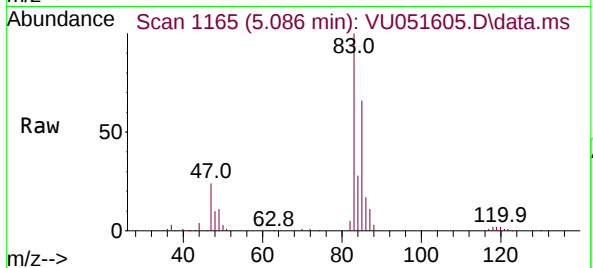
VSTD005189

Tgt Ion: 83 Resp: 203335

Ion Ratio Lower Upper

83 100

85 66.2 45.2 84.0



#27

1,2-Dichloroethane

Concen: 5.299 ug/L

RT: 5.793 min Scan# 1385

Delta R.T. -0.000 min

Lab File: VU051605.D

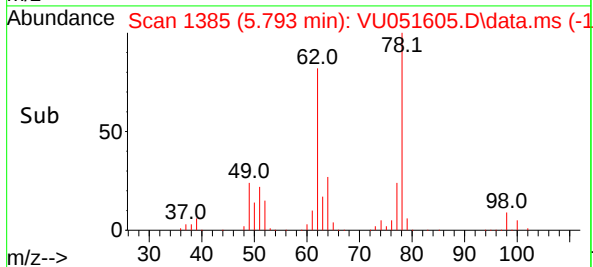
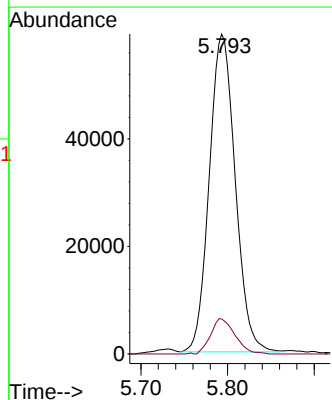
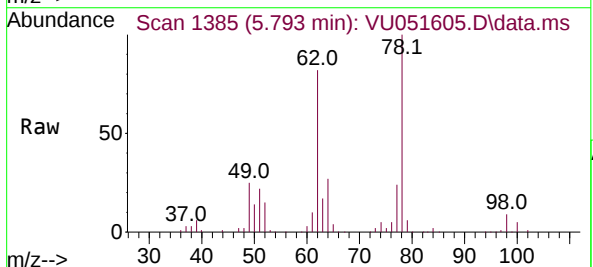
Acq: 31 Oct 2022 10:58

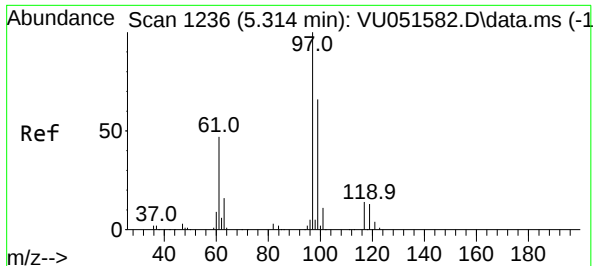
Tgt Ion: 62 Resp: 123057

Ion Ratio Lower Upper

62 100

98 10.9 7.4 11.0

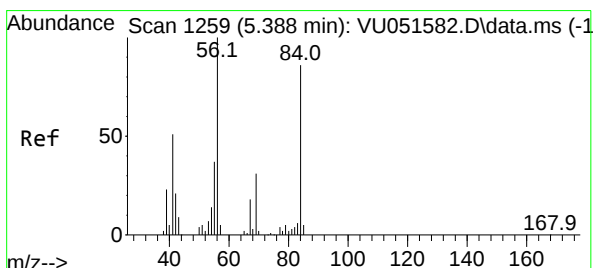
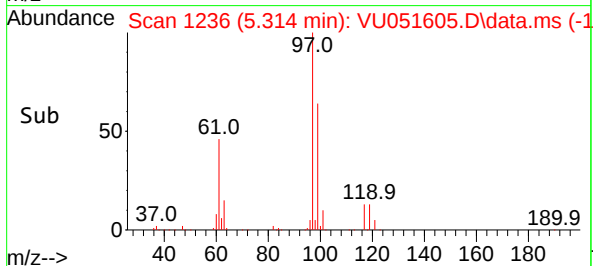
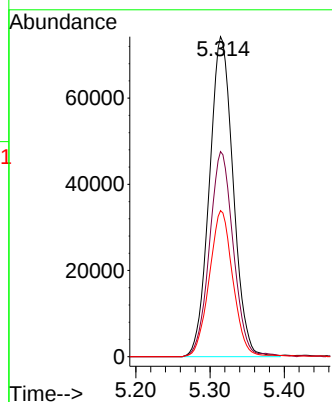
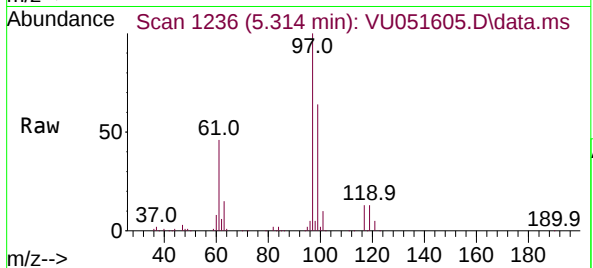




#29
1,1,1-Trichloroethane
Concen: 5.670 ug/L
RT: 5.314 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

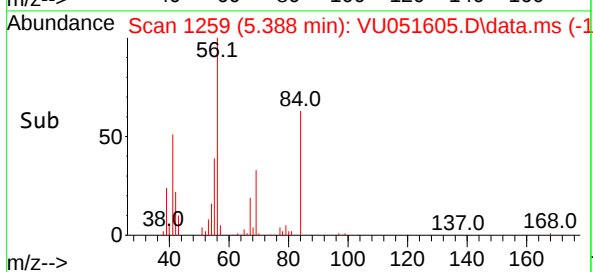
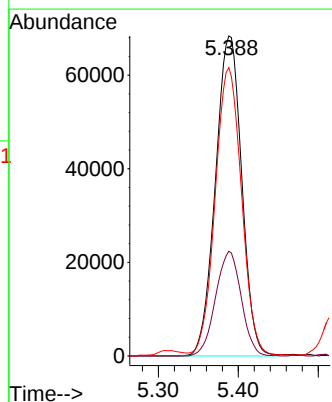
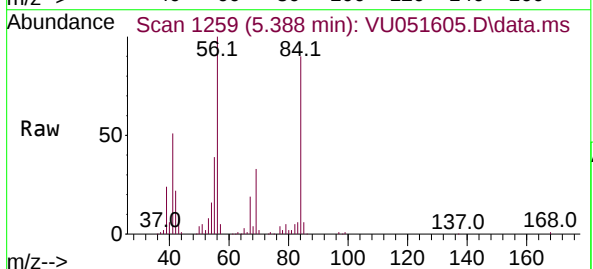
Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

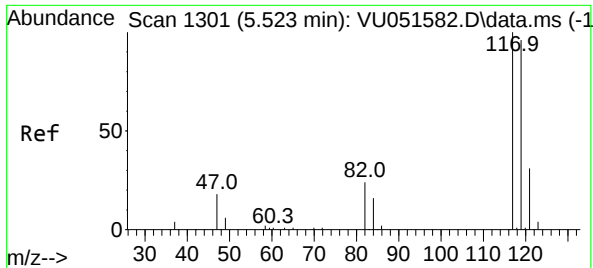
Tgt Ion: 97 Resp: 165455
Ion Ratio Lower Upper
97 100
99 63.8 51.1 76.7
61 45.1 37.4 56.0



#30
Cyclohexane
Concen: 5.797 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion: 56 Resp: 155767
Ion Ratio Lower Upper
56 100
69 31.9 25.4 38.0
84 89.8 71.4 107.0

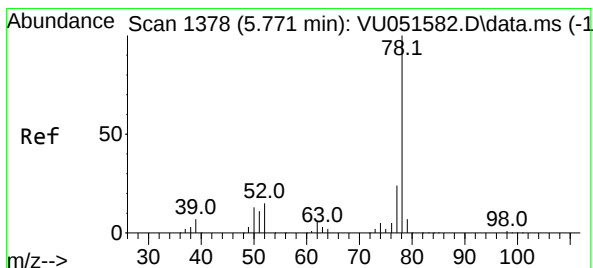
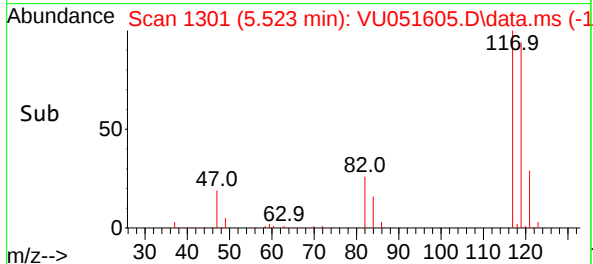
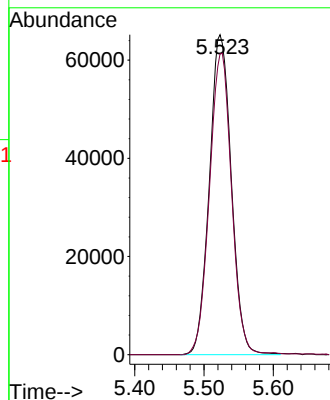
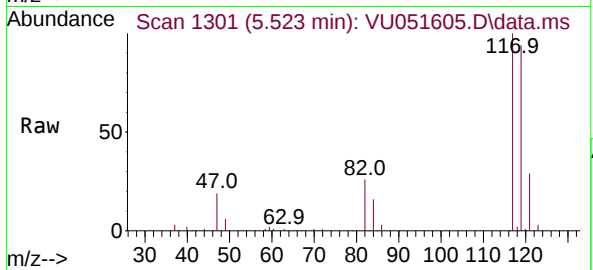




#31
Carbon tetrachloride
Concen: 5.749 ug/L
RT: 5.523 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

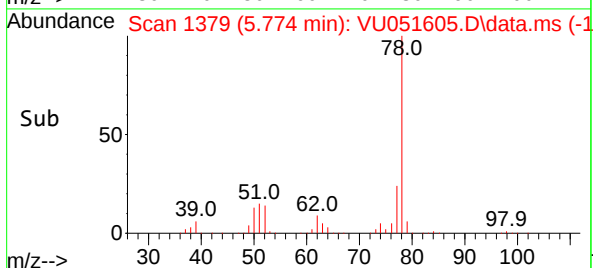
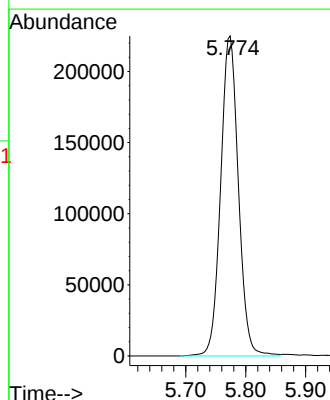
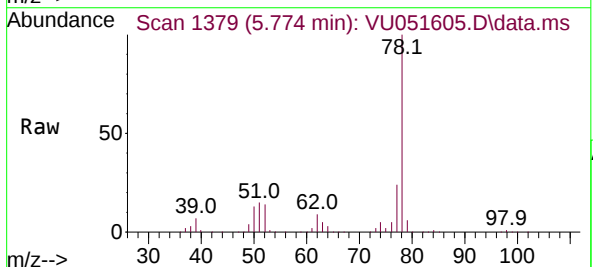
Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

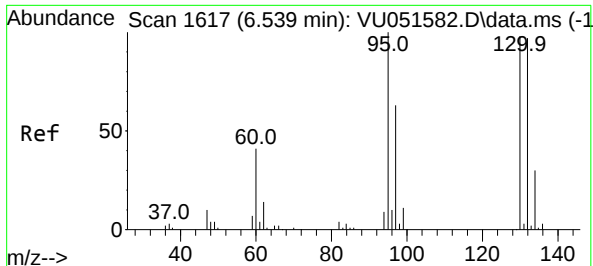
Tgt Ion:117 Resp: 143488
Ion Ratio Lower Upper
117 100
119 94.6 77.5 116.3



#33
Benzene
Concen: 5.431 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.003 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion: 78 Resp: 460591



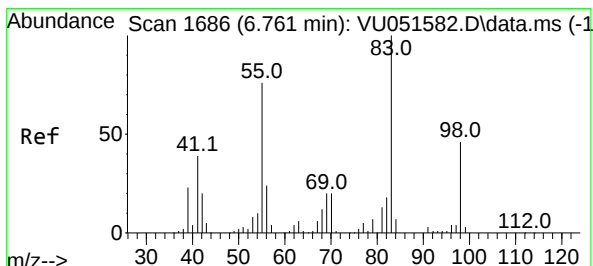
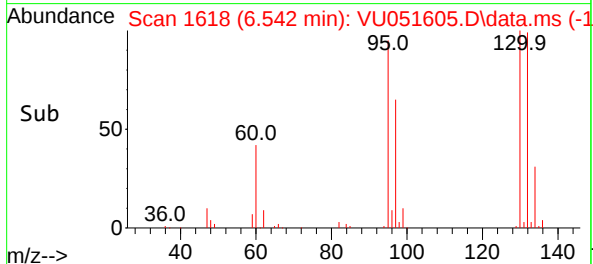
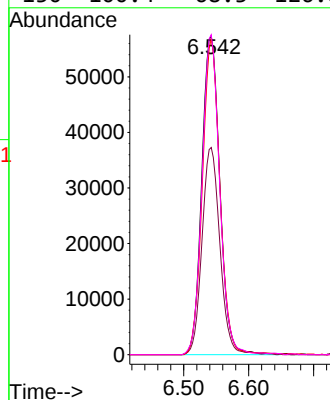
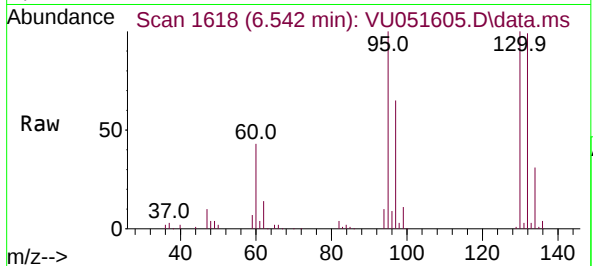


#34
Trichloroethene
Concen: 5.421 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

Tgt Ion: 95 Resp: 110954

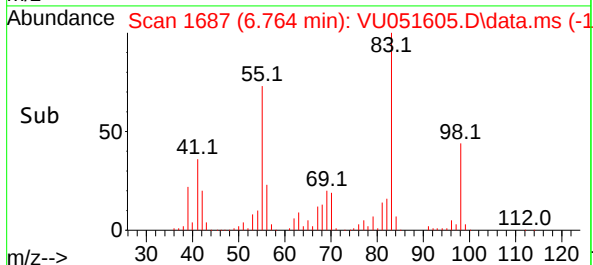
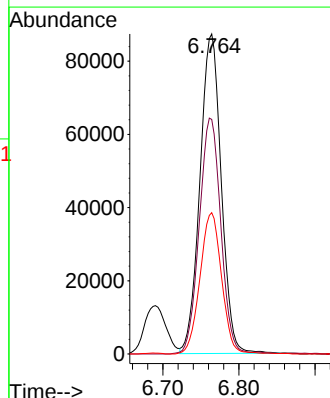
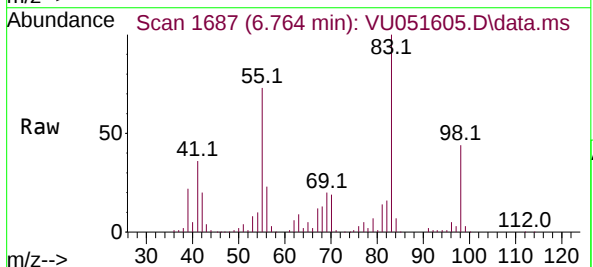
Ion	Ratio	Lower	Upper
95	100		
97	65.0	45.2	84.0
132	99.2	66.5	123.5
130	100.4	68.3	126.8

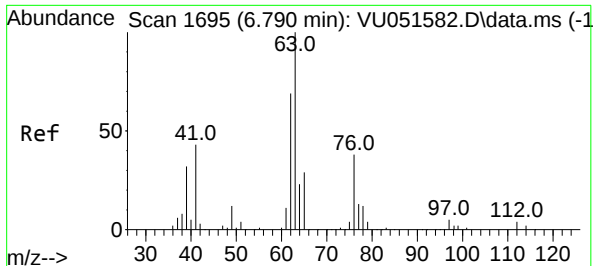


#35
Methylcyclohexane
Concen: 6.010 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion: 83 Resp: 170080

Ion	Ratio	Lower	Upper
83	100		
55	74.4	60.6	90.8
98	44.7	35.8	53.6

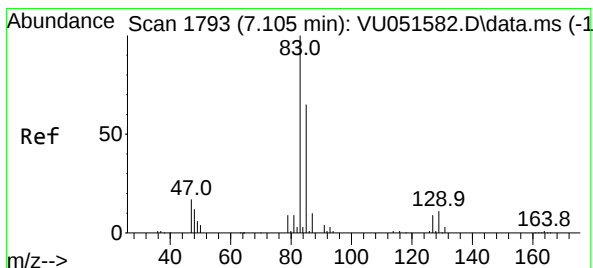
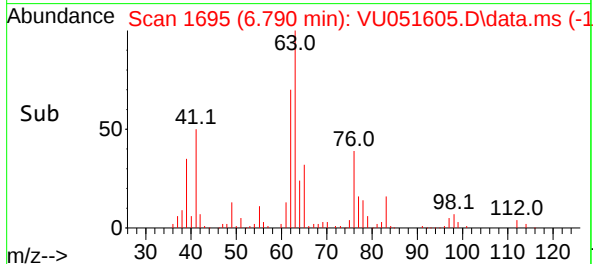
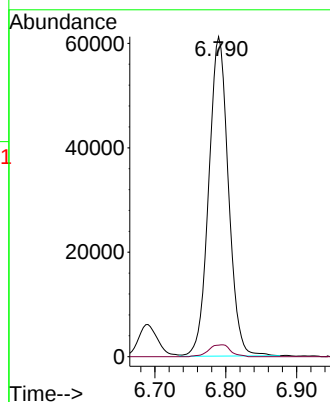
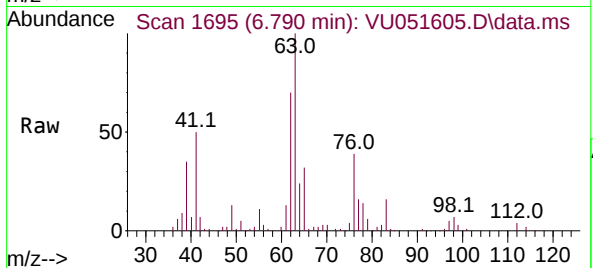




#37
1,2-Dichloropropane
Concen: 5.396 ug/L
RT: 6.790 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

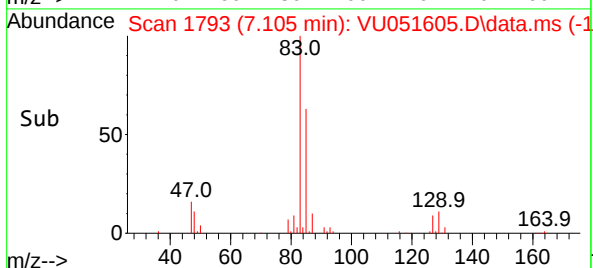
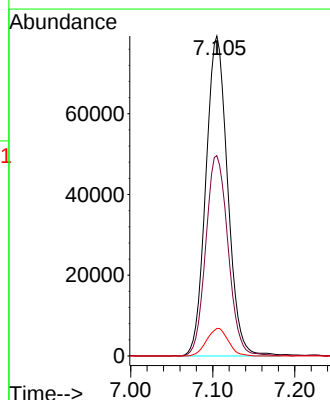
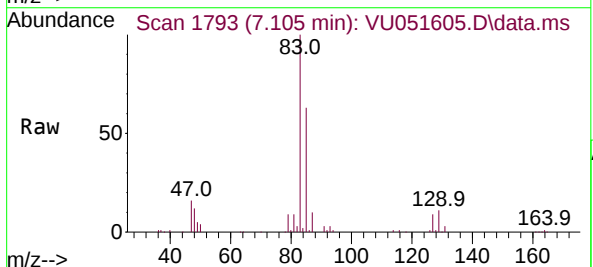
Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

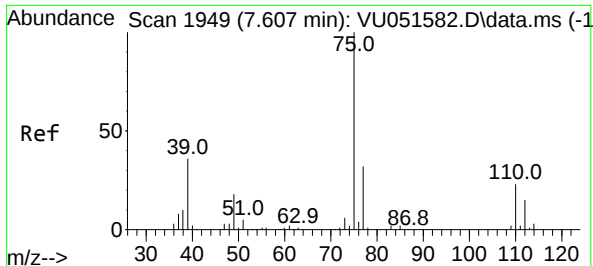
Tgt Ion: 63 Resp: 117722
Ion Ratio Lower Upper
63 100
112 4.2 3.3 4.9



#38
Bromodichloromethane
Concen: 5.490 ug/L
RT: 7.105 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion: 83 Resp: 146288
Ion Ratio Lower Upper
83 100
85 62.6 45.1 83.7
127 8.6 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 5.344 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.000 min

Lab File: VU051605.D

Acq: 31 Oct 2022 10:58

Instrument :

MSVOA_U

ClientSampleId :

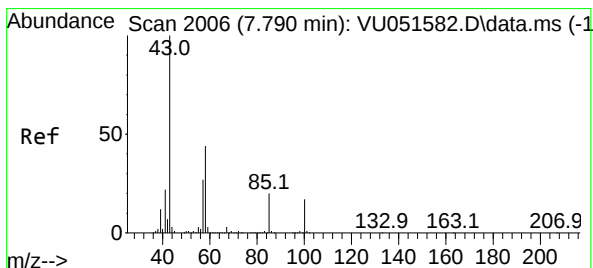
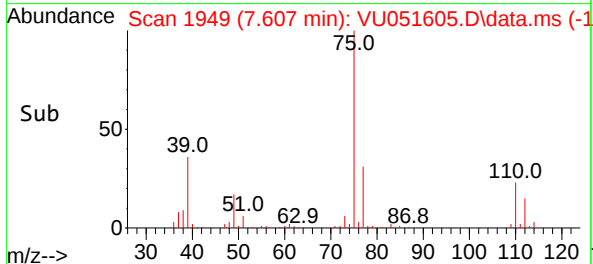
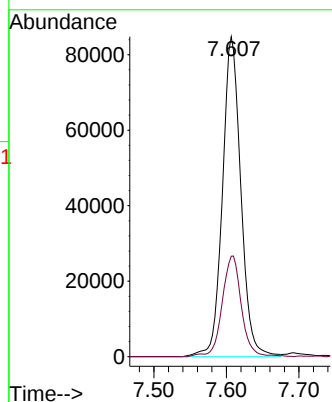
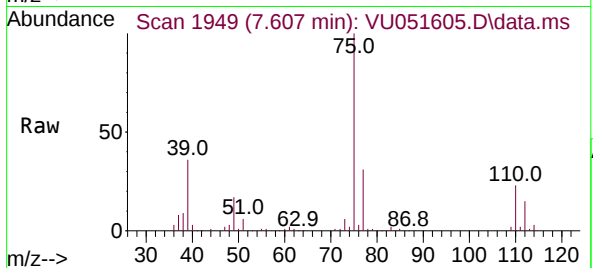
VSTD005189

Tgt Ion: 75 Resp: 149549

Ion Ratio Lower Upper

75 100

77 31.4 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 57.573 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU051605.D

Acq: 31 Oct 2022 10:58

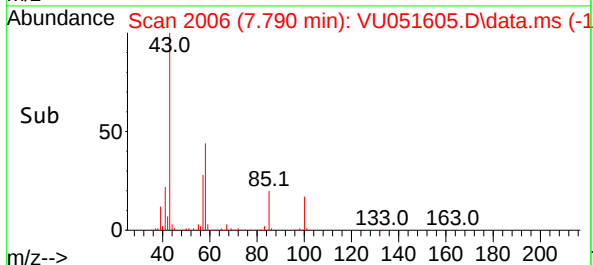
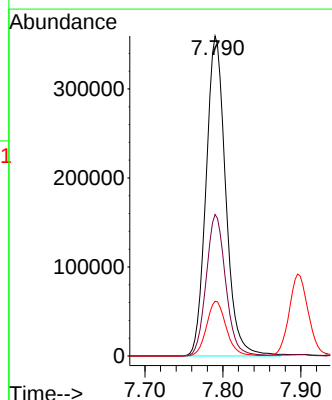
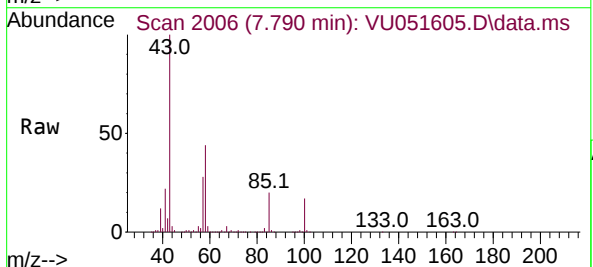
Tgt Ion: 43 Resp: 629961

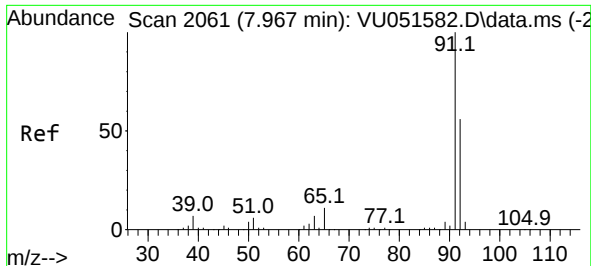
Ion Ratio Lower Upper

43 100

58 44.0 35.0 52.6

100 17.1 13.4 20.0





#42

Toluene

Concen: 5.623 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU051605.D

Acq: 31 Oct 2022 10:58

Instrument :

MSVOA_U

ClientSampleId :

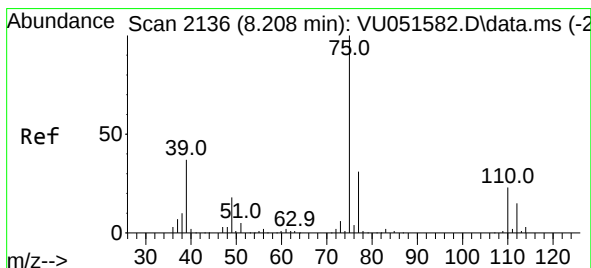
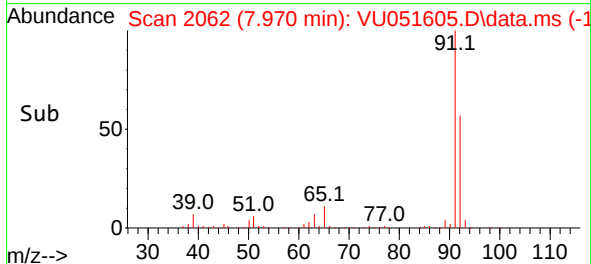
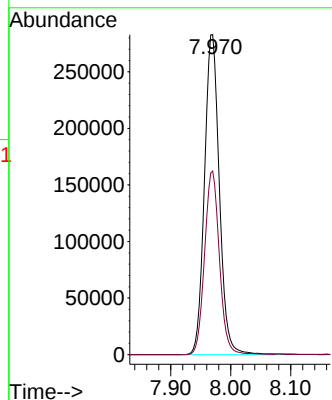
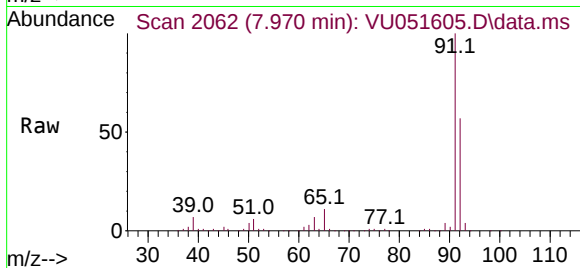
VSTD005189

Tgt Ion: 91 Resp: 489830

Ion Ratio Lower Upper

91 100

92 57.4 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.657 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.003 min

Lab File: VU051605.D

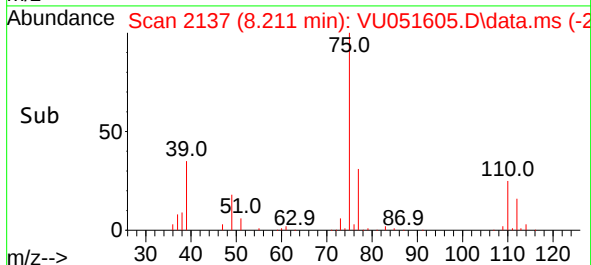
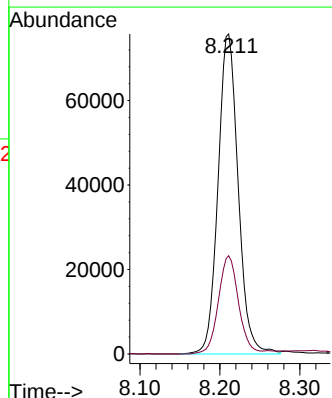
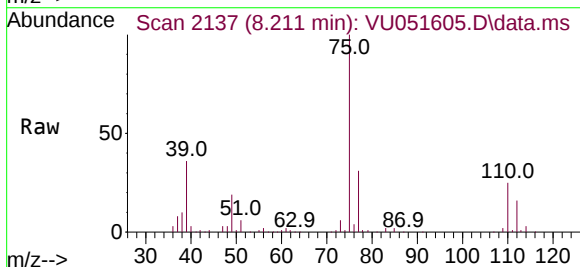
Acq: 31 Oct 2022 10:58

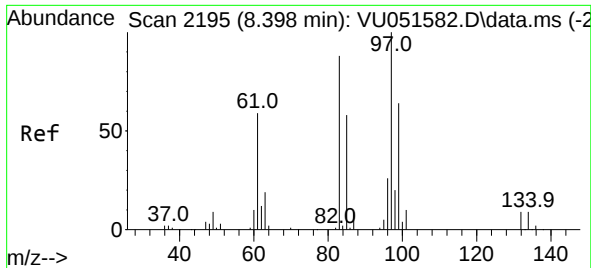
Tgt Ion: 75 Resp: 132321

Ion Ratio Lower Upper

75 100

77 30.7 21.8 40.6



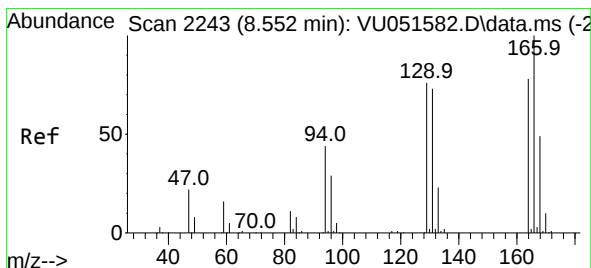
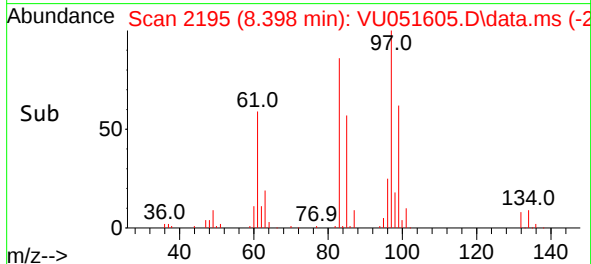
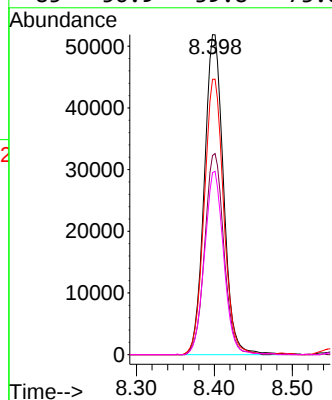
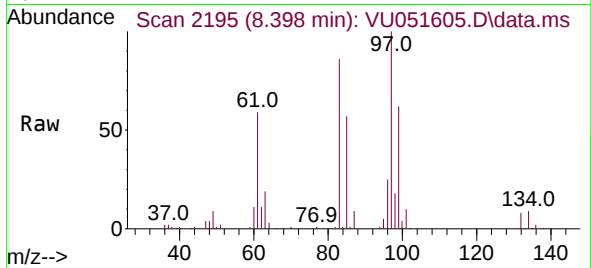


#45
1,1,2-Trichloroethane
Concen: 5.541 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

Tgt Ion: 97 Resp: 88583

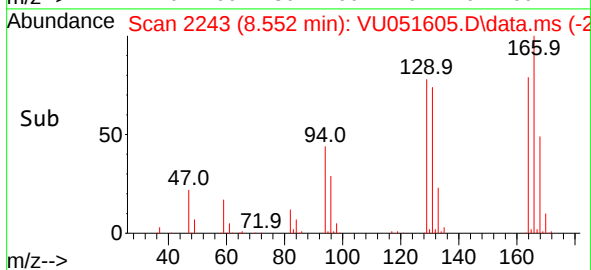
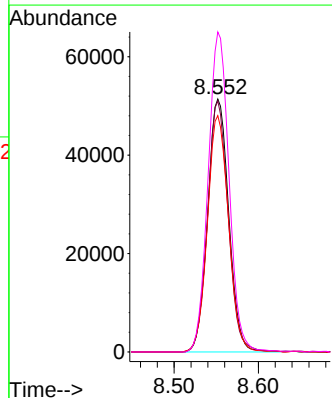
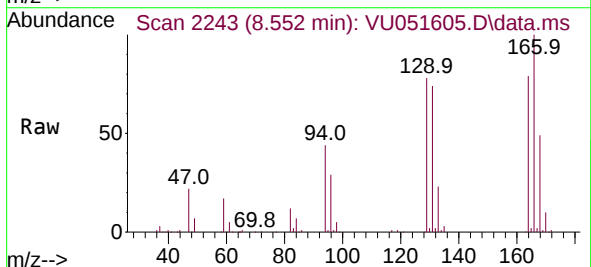
Ion	Ratio	Lower	Upper
97	100		
99	62.3	43.4	80.6
83	86.1	61.3	113.9
85	56.9	39.8	73.8

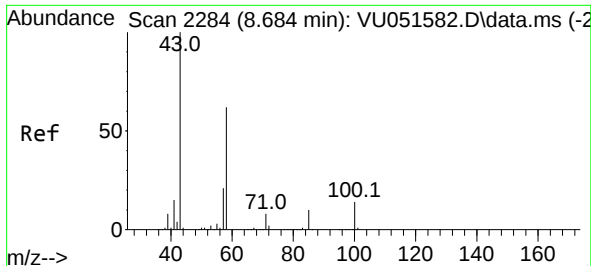


#47
Tetrachloroethene
Concen: 5.714 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion: 164 Resp: 89572

Ion	Ratio	Lower	Upper
164	100		
129	99.3	64.0	118.8
131	93.4	60.7	112.7
166	126.5	86.8	161.2

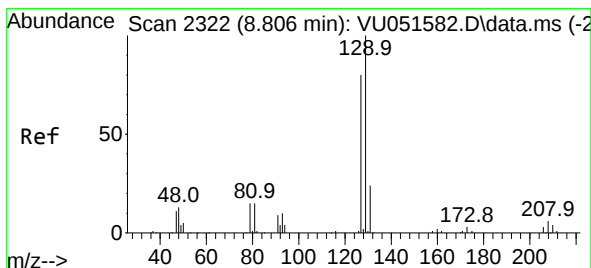
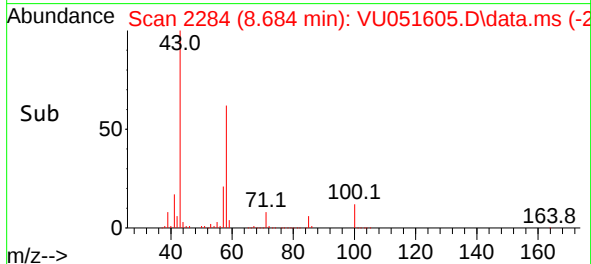
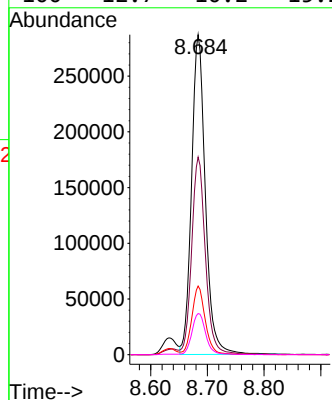
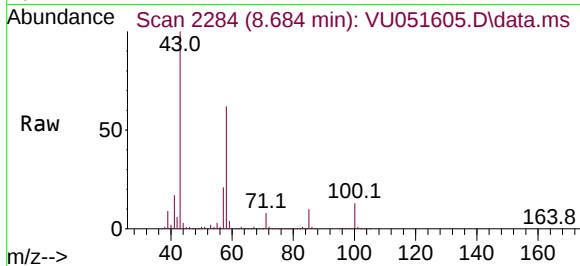




#48
2-Hexanone
Concen: 59.897 ug/L
RT: 8.684 min Scan# 2115
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

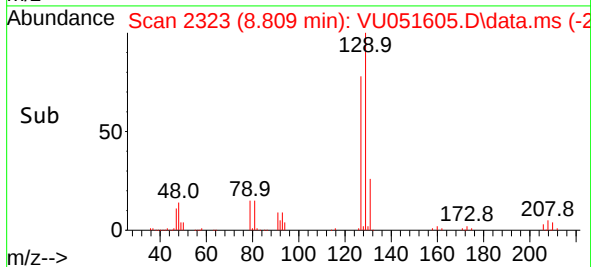
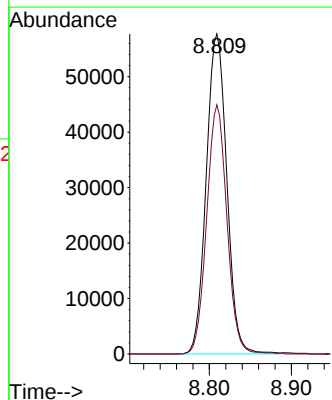
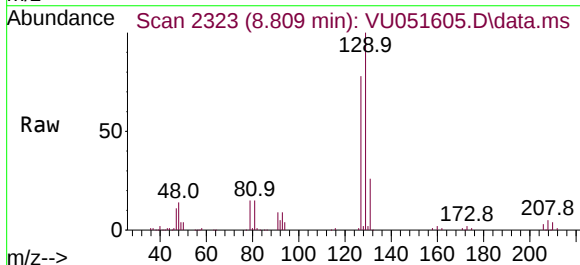
Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

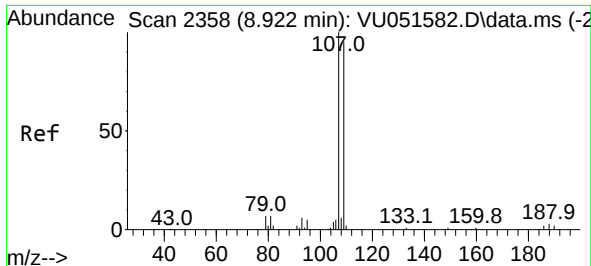
Tgt Ion: 43 Resp: 485115
Ion Ratio Lower Upper
43 100
58 61.1 48.2 72.2
57 20.7 16.6 25.0
100 12.7 10.2 15.2



#49
Dibromochloromethane
Concen: 5.506 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.003 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion: 129 Resp: 100554
Ion Ratio Lower Upper
129 100
127 77.9 54.8 101.8

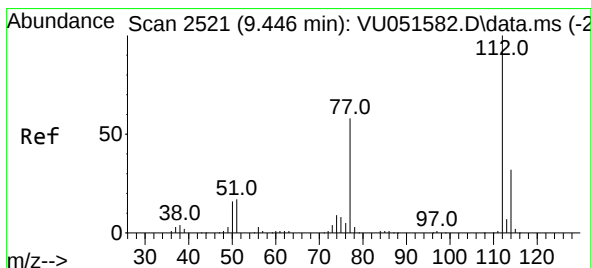
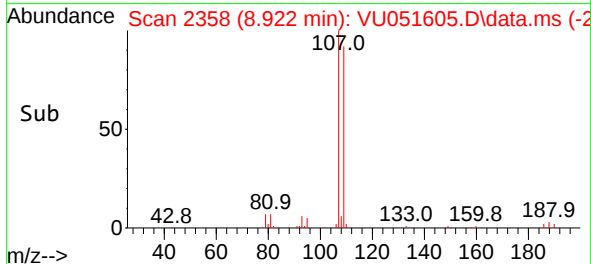
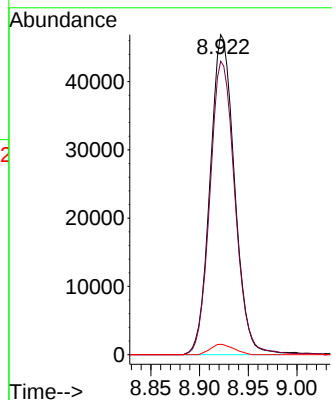
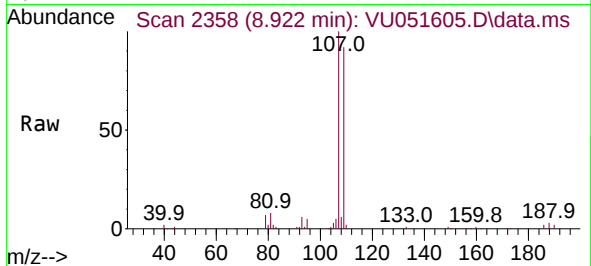




#50
1,2-Dibromoethane
Concen: 5.664 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

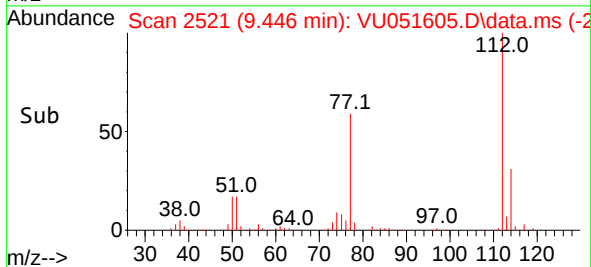
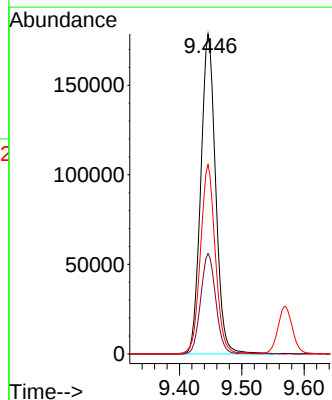
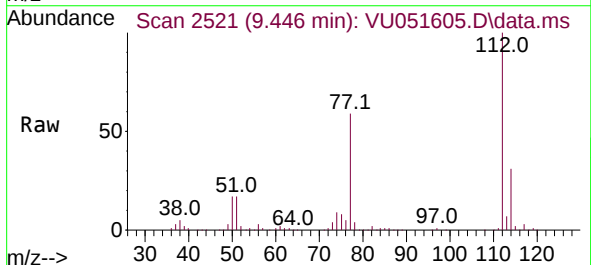
Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

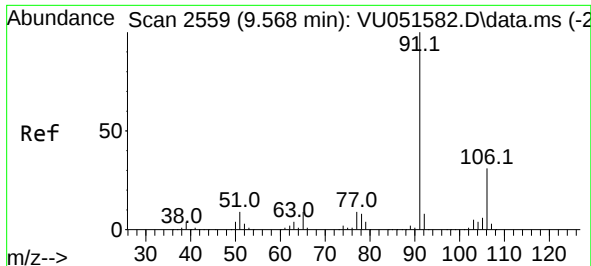
Tgt Ion:107 Resp: 81686
Ion Ratio Lower Upper
107 100
109 91.7 63.0 117.0
188 3.3 3.0 4.4



#51
Chlorobenzene
Concen: 5.407 ug/L
RT: 9.446 min Scan# 2521
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion:112 Resp: 296440
Ion Ratio Lower Upper
112 100
114 31.4 22.0 40.8
77 59.2 46.7 70.1

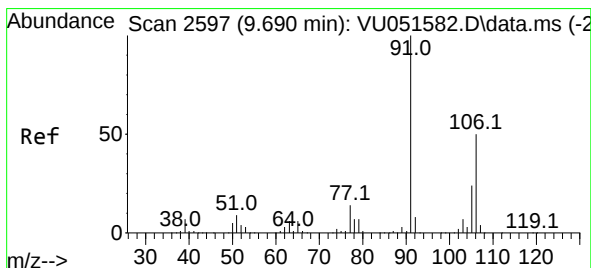
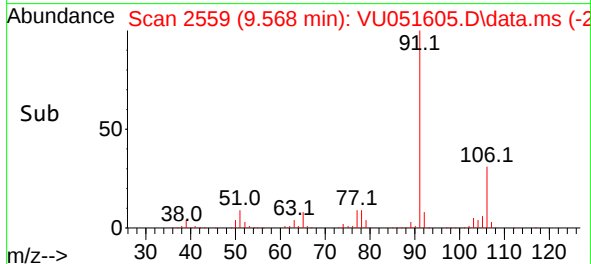
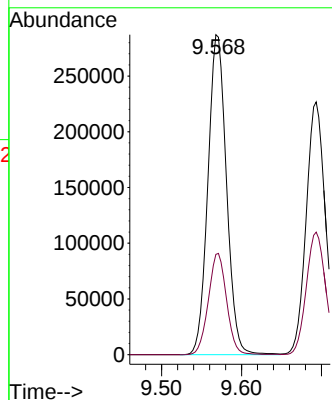
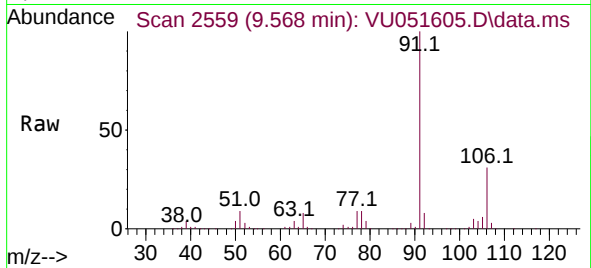




#52
Ethylbenzene
Concen: 5.518 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

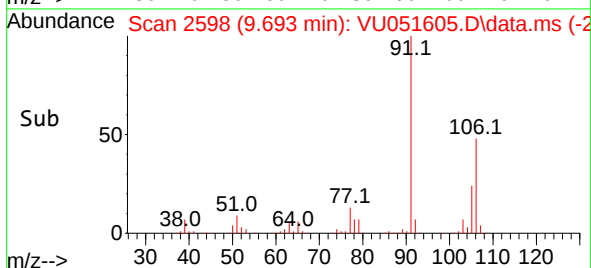
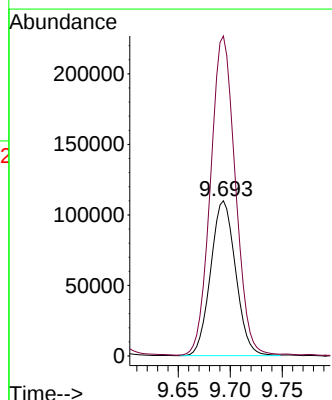
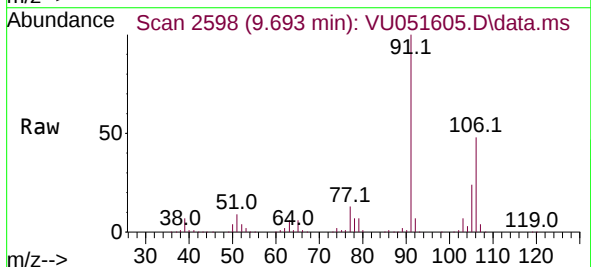
Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

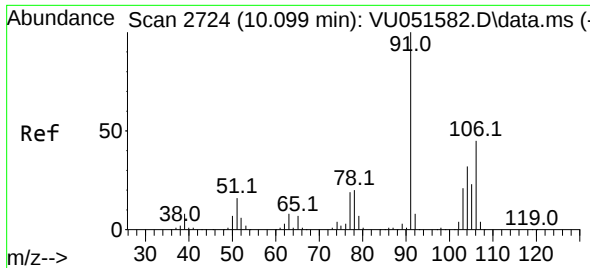
Tgt Ion: 91 Resp: 463775
Ion Ratio Lower Upper
91 100
106 31.3 21.8 40.6



#53
m,p-Xylene
Concen: 5.622 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.003 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion: 106 Resp: 183540
Ion Ratio Lower Upper
106 100
91 206.3 139.4 259.0

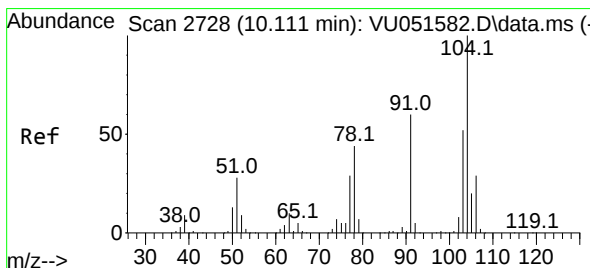
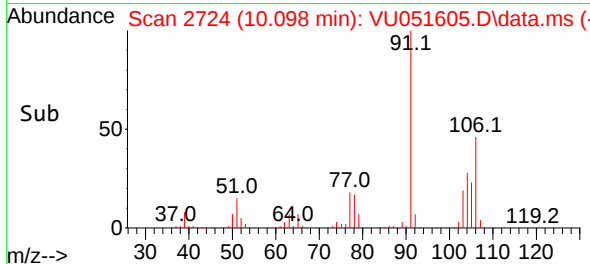
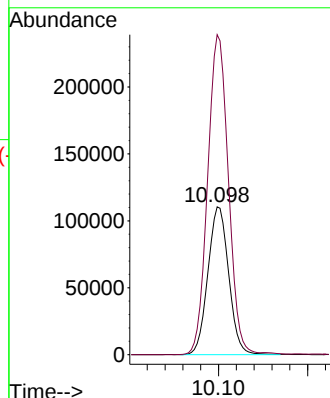
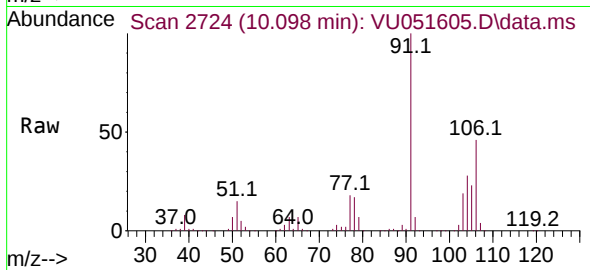




#54
o-Xylene
Concen: 5.606 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

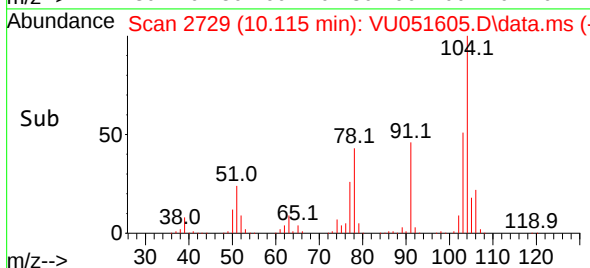
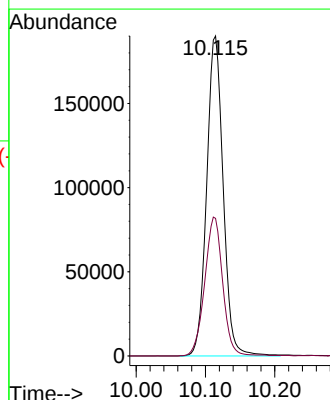
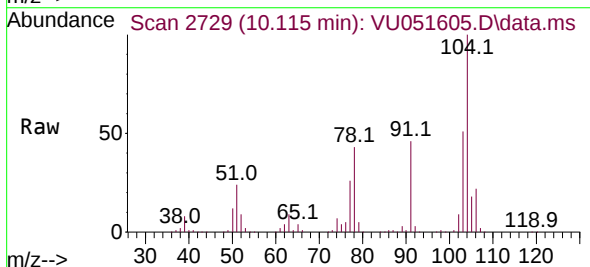
Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

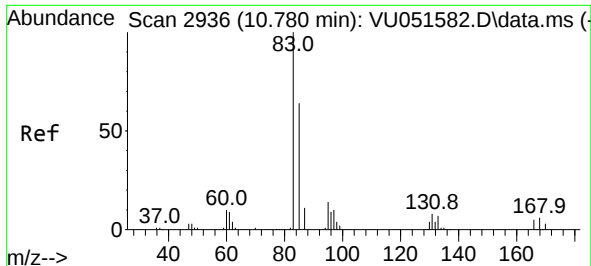
Tgt Ion:106 Resp: 178842
Ion Ratio Lower Upper
106 100
91 216.3 149.2 277.2



#55
Styrene
Concen: 5.881 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.003 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion:104 Resp: 313660
Ion Ratio Lower Upper
104 100
78 43.0 31.8 59.0

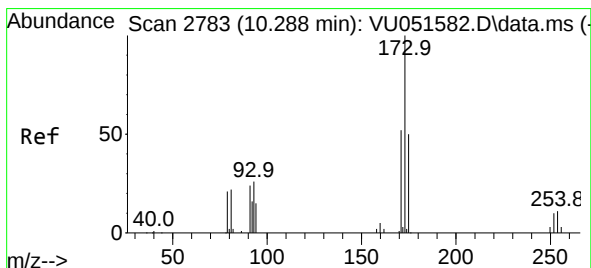
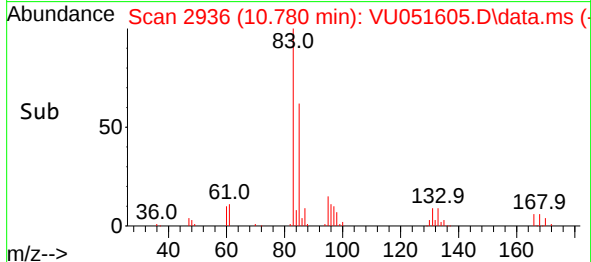
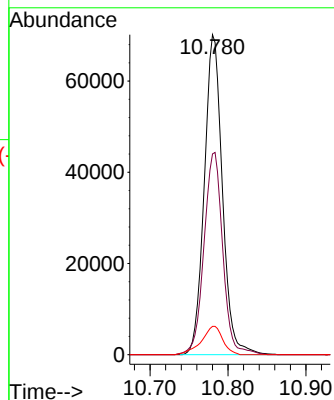
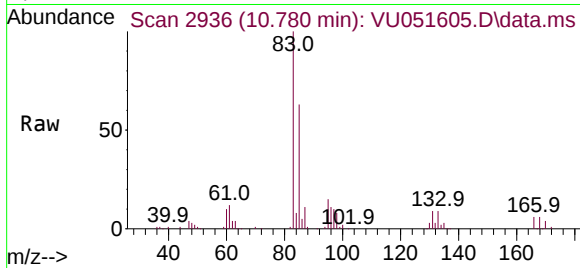




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.713 ug/L
 RT: 10.780 min Scan# 2936
 Delta R.T. -0.000 min
 Lab File: VU051605.D
 Acq: 31 Oct 2022 10:58

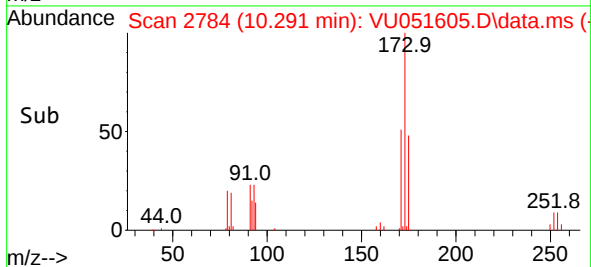
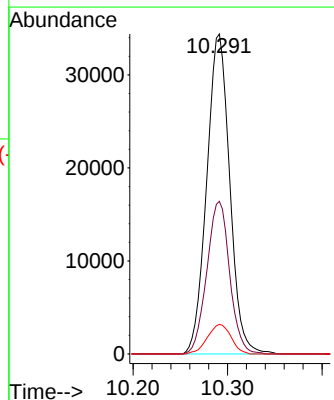
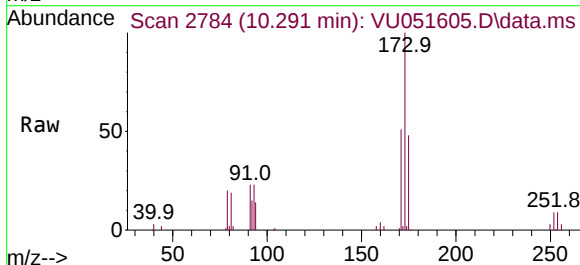
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005189

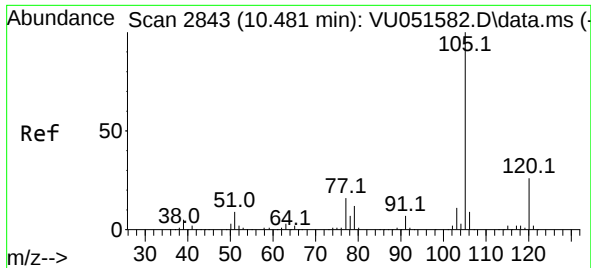
Tgt Ion: 83 Resp: 113240
 Ion Ratio Lower Upper
 83 100
 85 62.8 44.9 83.5
 131 8.8 7.8 11.8



#59
 Bromoform
 Concen: 5.579 ug/L
 RT: 10.291 min Scan# 2784
 Delta R.T. 0.003 min
 Lab File: VU051605.D
 Acq: 31 Oct 2022 10:58

Tgt Ion: 173 Resp: 58153
 Ion Ratio Lower Upper
 173 100
 175 47.3 38.7 58.1
 254 9.5 7.3 10.9

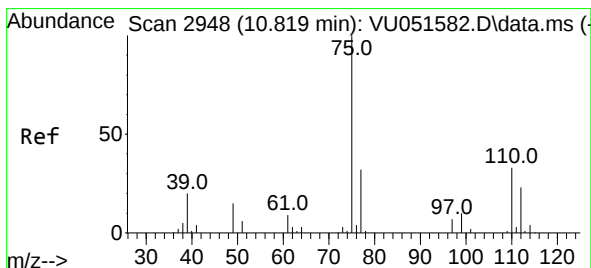
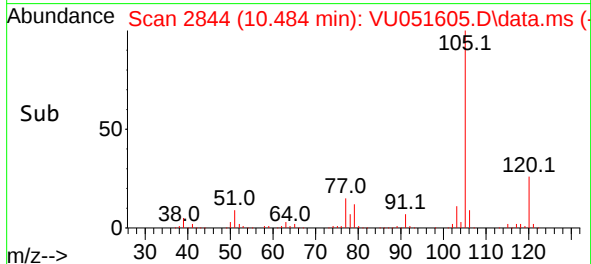
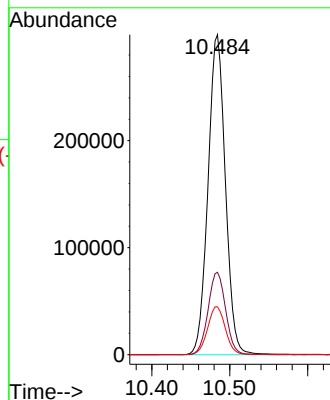
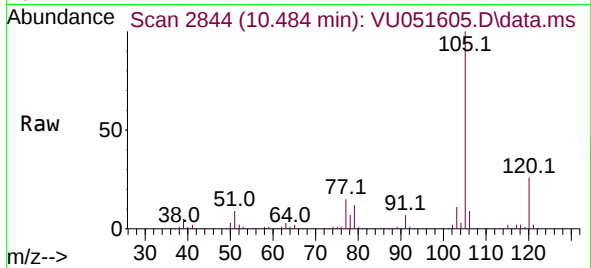




#60
Isopropylbenzene
Concen: 5.609 ug/L
RT: 10.484 min Scan# 2843
Delta R.T. 0.003 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

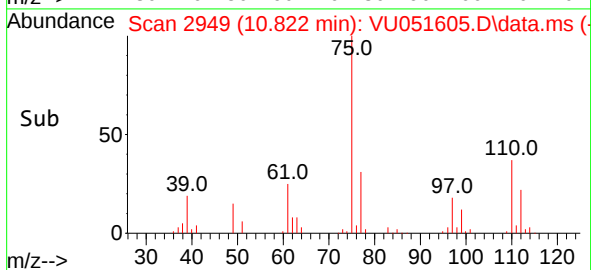
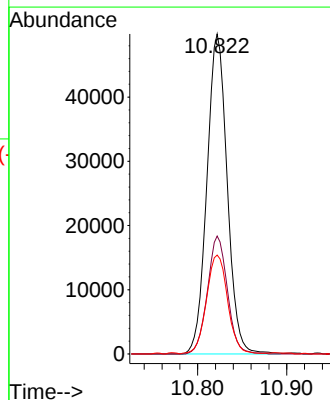
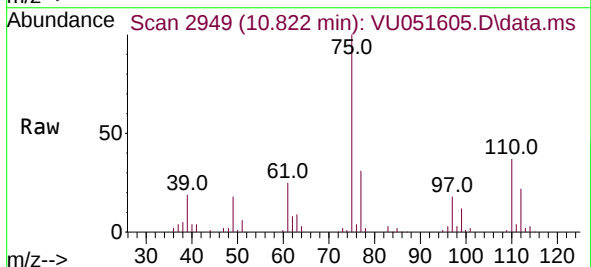
Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

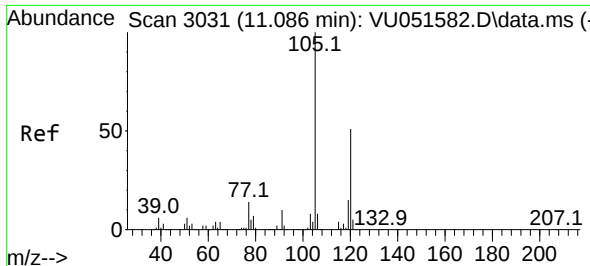
Tgt Ion:105 Resp: 461936
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 15.2 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.403 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.003 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion: 75 Resp: 78814
Ion Ratio Lower Upper
75 100
110 36.3 28.7 43.1
77 32.3 26.1 39.1

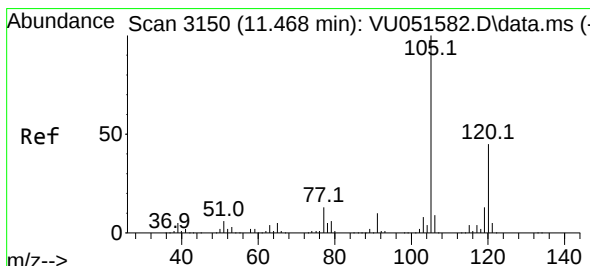
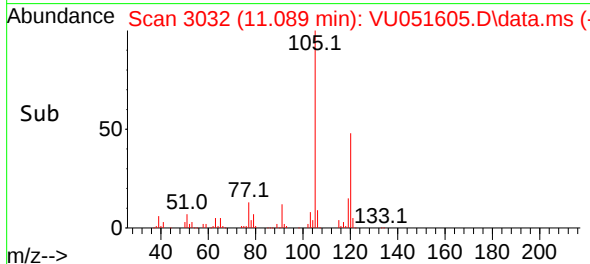
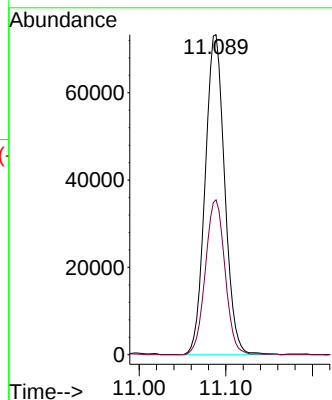
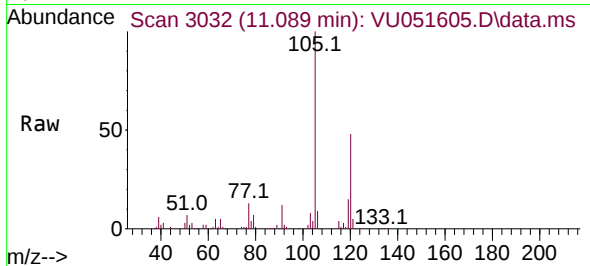




#62
 1,3,5-Trimethylbenzene
 Concen: 5.181 ug/L
 RT: 11.089 min Scan# 3031
 Delta R.T. 0.003 min
 Lab File: VU051605.D
 Acq: 31 Oct 2022 10:58

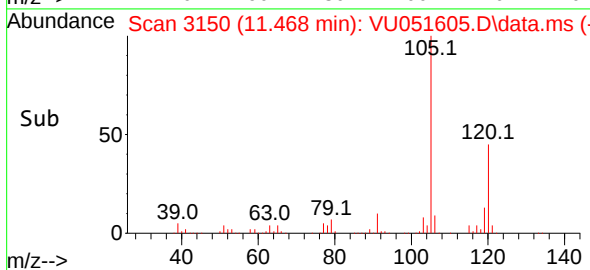
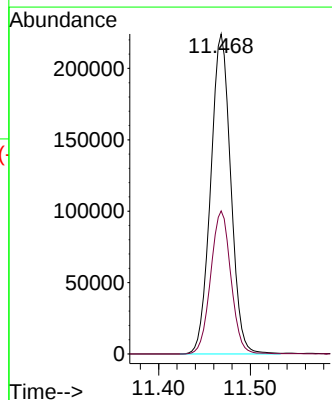
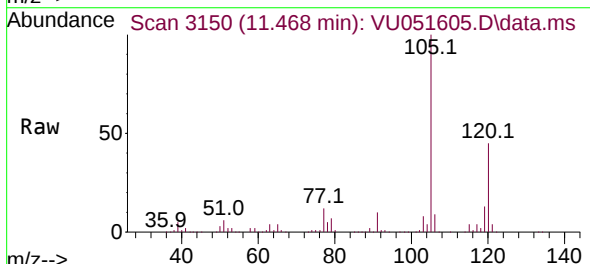
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005189

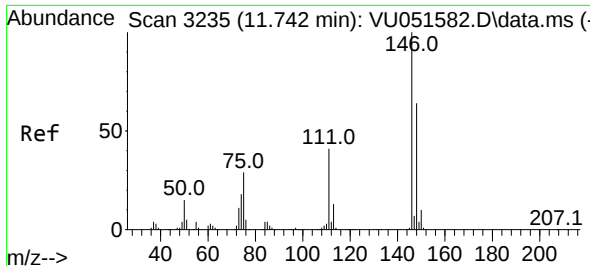
Tgt Ion:105 Resp: 114873
 Ion Ratio Lower Upper
 105 100
 120 48.5 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 5.337 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.000 min
 Lab File: VU051605.D
 Acq: 31 Oct 2022 10:58

Tgt Ion:105 Resp: 341152
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.8 53.6

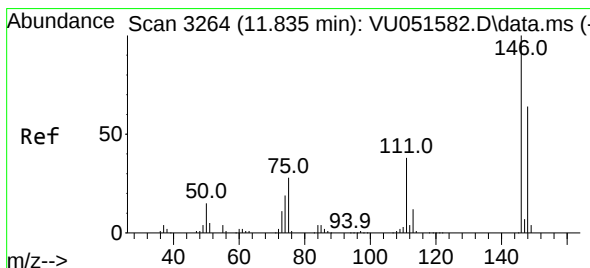
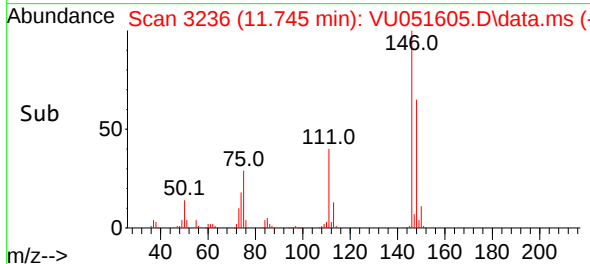
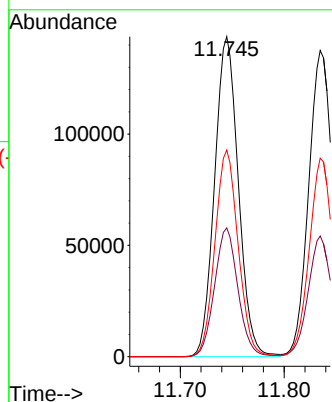
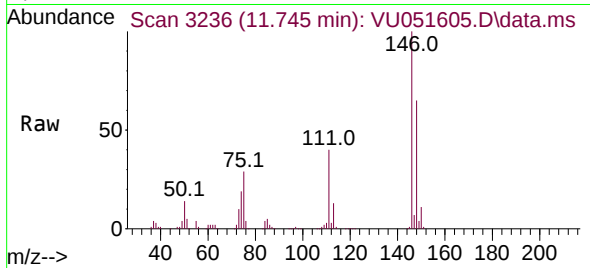




#64
1,3-Dichlorobenzene
Concen: 5.570 ug/L
RT: 11.745 min Scan# 3235
Delta R.T. 0.003 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

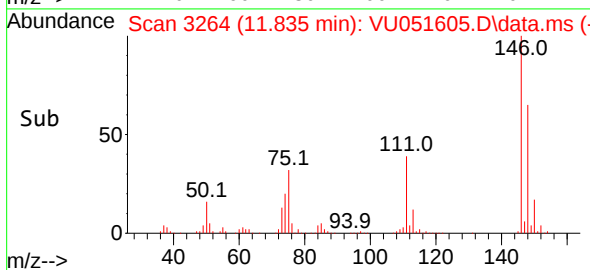
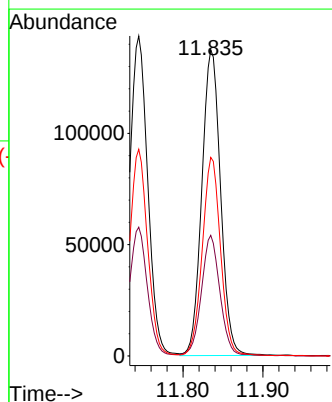
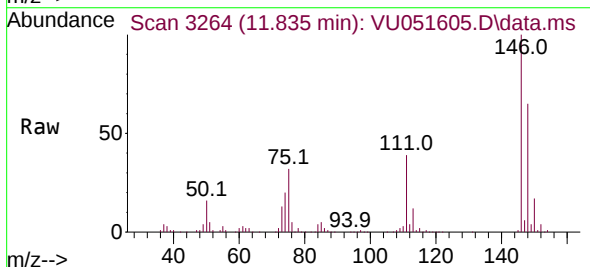
Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

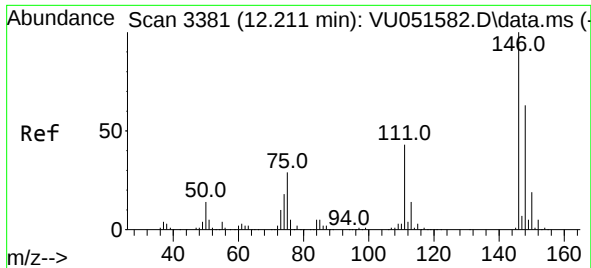
Tgt Ion:146 Resp: 228364
Ion Ratio Lower Upper
146 100
111 40.2 28.6 53.2
148 64.6 44.7 82.9



#65
1,4-Dichlorobenzene
Concen: 5.455 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion:146 Resp: 224225
Ion Ratio Lower Upper
146 100
111 39.4 26.7 49.5
148 64.8 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.448 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU051605.D

Acq: 31 Oct 2022 10:58

Instrument :

MSVOA_U

ClientSampleId :

VSTD005189

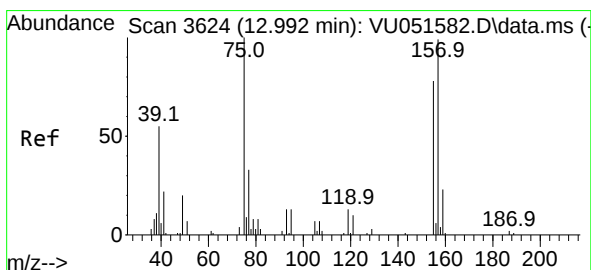
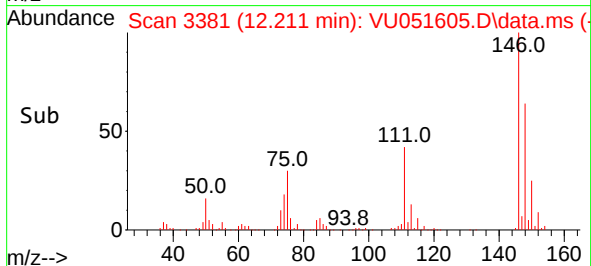
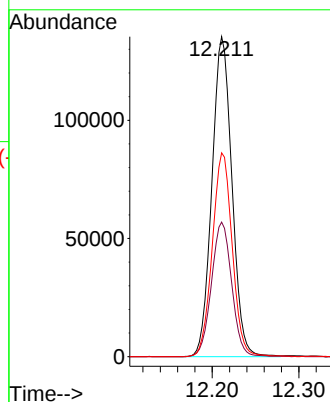
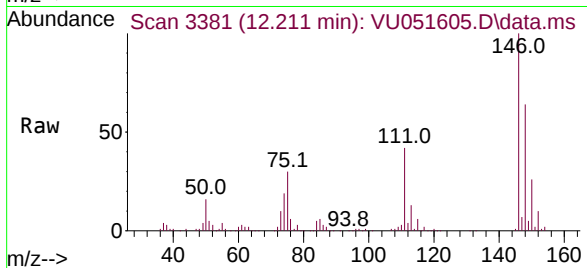
Tgt Ion:146 Resp: 217578

Ion Ratio Lower Upper

146 100

111 42.1 34.2 51.2

148 63.7 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.484 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. 0.003 min

Lab File: VU051605.D

Acq: 31 Oct 2022 10:58

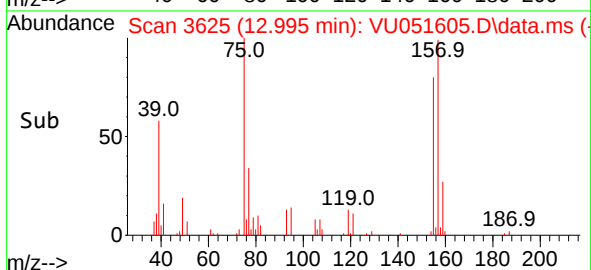
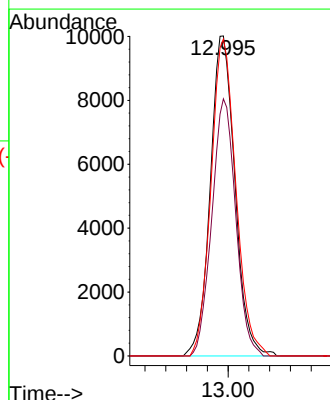
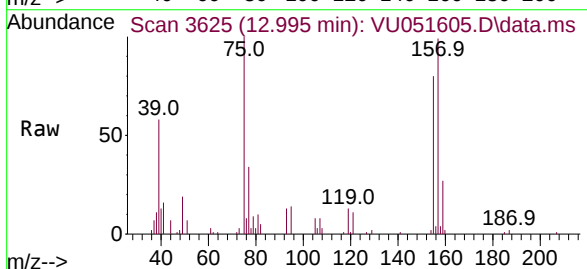
Tgt Ion: 75 Resp: 16473

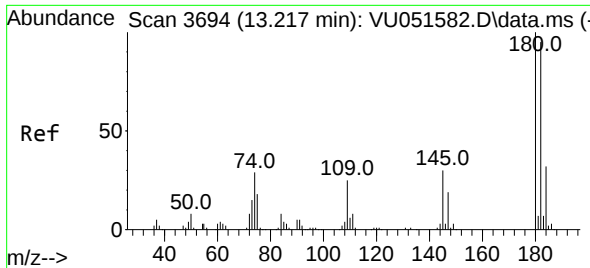
Ion Ratio Lower Upper

75 100

155 80.4 61.4 92.2

157 99.1 86.7 130.1

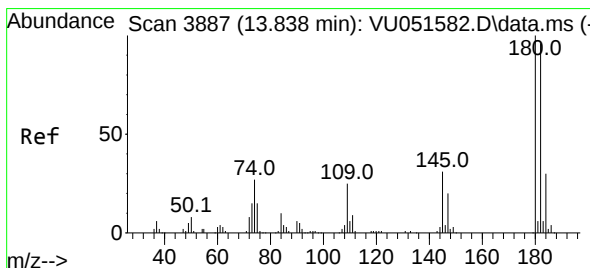
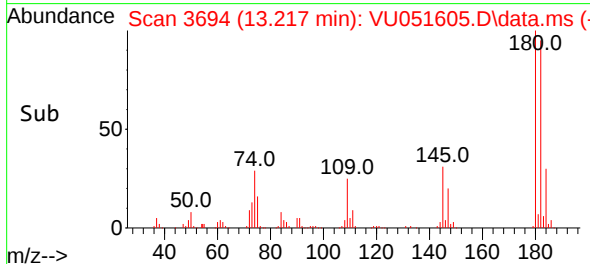
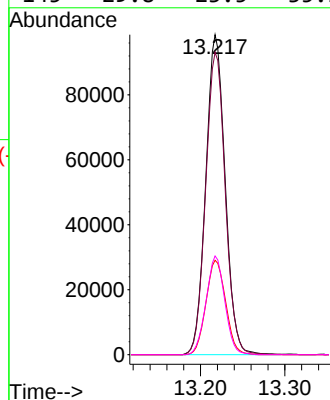
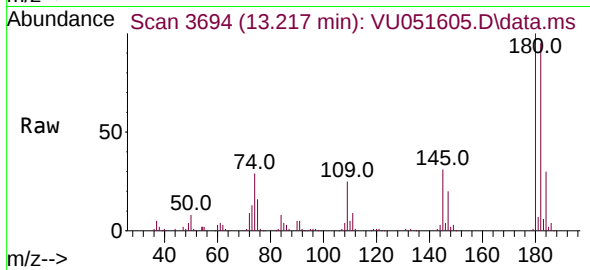




#69
 1,3,5-Trichlorobenzene
 Concen: 5.398 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.000 min
 Lab File: VU051605.D
 Acq: 31 Oct 2022 10:58

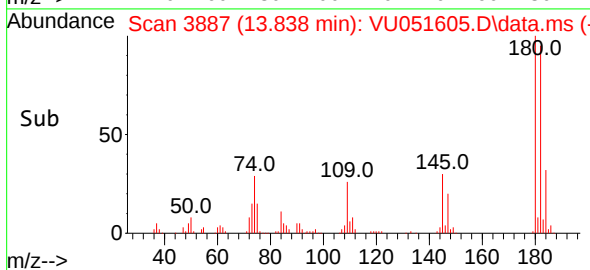
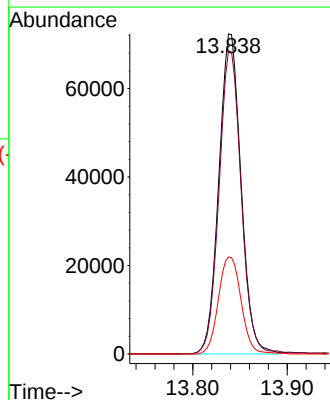
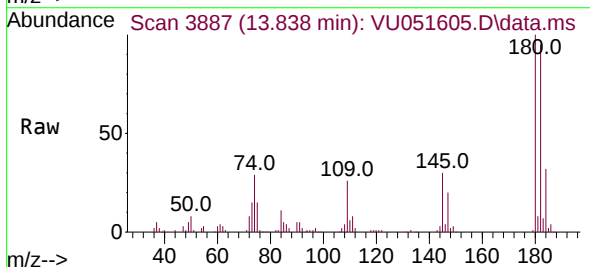
Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005189

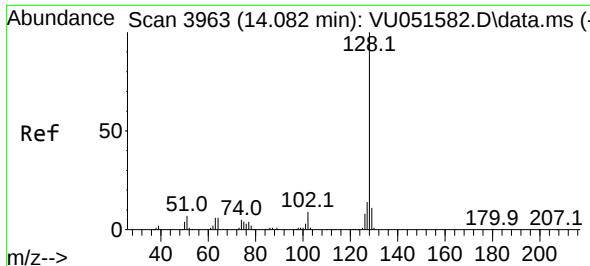
Tgt Ion:180 Resp: 157763
 Ion Ratio Lower Upper
 180 100
 182 95.5 77.0 115.6
 184 29.9 23.7 35.5
 145 29.8 23.5 35.3



#70
 1,2,4-trichlorobenzene
 Concen: 5.245 ug/L
 RT: 13.838 min Scan# 3887
 Delta R.T. -0.000 min
 Lab File: VU051605.D
 Acq: 31 Oct 2022 10:58

Tgt Ion:180 Resp: 117671
 Ion Ratio Lower Upper
 180 100
 182 94.7 77.8 116.6
 145 31.0 25.0 37.6

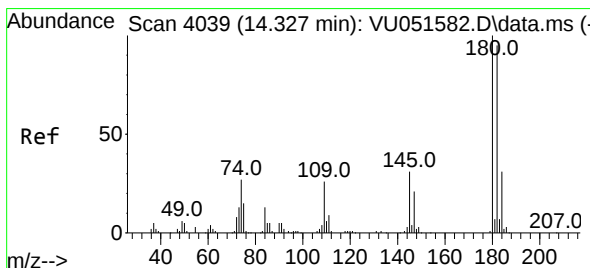
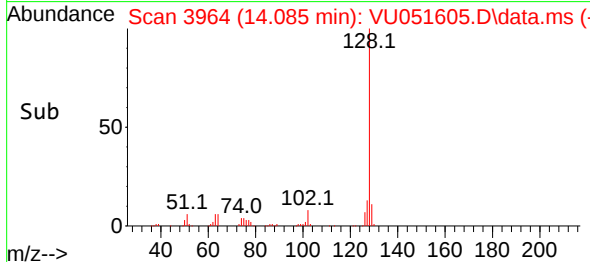
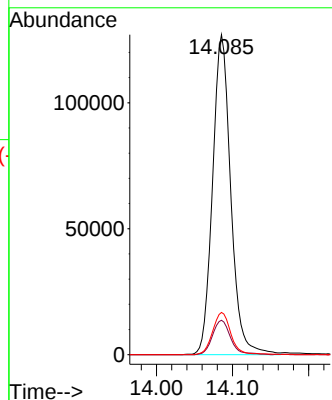
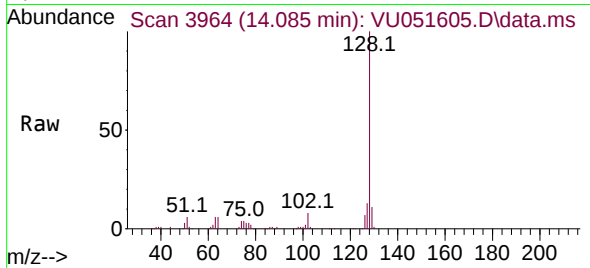




#71
Naphthalene
Concen: 5.046 ug/L
RT: 14.085 min Scan# 3963
Delta R.T. 0.003 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Instrument :
MSVOA_U
ClientSampleId :
VSTD005189

Tgt Ion:128 Resp: 211312
Ion Ratio Lower Upper
128 100
129 10.7 8.4 12.6
127 13.3 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.279 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. -0.000 min
Lab File: VU051605.D
Acq: 31 Oct 2022 10:58

Tgt Ion:180 Resp: 119593
Ion Ratio Lower Upper
180 100
182 95.3 76.1 114.1
145 32.0 25.6 38.4

