

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111122\
 Data File : VU051828.D
 Acq On : 11 Nov 2022 20:37
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 12 01:25:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Nov 12 01:22:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	231150	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	229028	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	113756	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	76296	4.383	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.600%
7) Chloroethane-d5	1.909	69	69045	3.803	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.000%
11) 1,1-Dichloroethene-d2	2.562	65	30882	4.888	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.800%
20) 2-Butanone-d5	4.620	46	239376	37.967	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.940%
24) Chloroform-d	5.060	84	162833	3.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.000%
26) 1,2-Dichloroethane-d4	5.700	65	84058	3.820	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.400%
32) Benzene-d6	5.726	84	328807	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
36) 1,2-Dichloropropane-d6	6.687	67	108838	4.307	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.200%
41) Toluene-d8	7.896	98	300985	5.296	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.000%
43) trans-1,3-Dichloroprop...	8.176	79	37237	4.819	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.400%
46) 2-Hexanone-d5	8.629	63	207643	44.637	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.280%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	102333	4.419	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.400%
66) 1,2-Dichlorobenzene-d4	12.192	152	107476	5.148	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	100839	3.989	ug/L	99
3) Chloromethane	1.527	50	116656	3.661	ug/L	99
5) Vinyl chloride	1.601	62	122610	4.017	ug/L	89
6) Bromomethane	1.848	94	93383	6.452	ug/L	96
8) Chloroethane	1.929	64	79499	4.289	ug/L	100
9) Trichlorofluoromethane	2.134	101	149648	4.466	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	92270	4.684	ug/L	98
12) 1,1-Dichloroethene	2.578	96	83067	4.134	ug/L	98
13) Acetone	2.623	43	164514	51.427	ug/L	100
14) Carbon disulfide	2.790	76	202926	3.133	ug/L	100
15) Methyl Acetate	2.945	43	43064	5.142	ug/L	97
16) Methylene chloride	3.041	84	120358	3.657	ug/L	98
17) Methyl tert-butyl Ether	3.363	73	227791	4.944	ug/L	99
18) trans-1,2-Dichloroethene	3.350	96	87735	4.068	ug/L	97
19) 1,1-Dichloroethane	3.867	63	185236	4.657	ug/L	100
21) 2-Butanone	4.697	43	285564	57.003	ug/L	97
22) cis-1,2-Dichloroethene	4.665	96	107176	4.491	ug/L	99
23) Bromochloromethane	4.973	128	51672	4.631	ug/L	96
25) Chloroform	5.086	83	198993	4.822	ug/L	97

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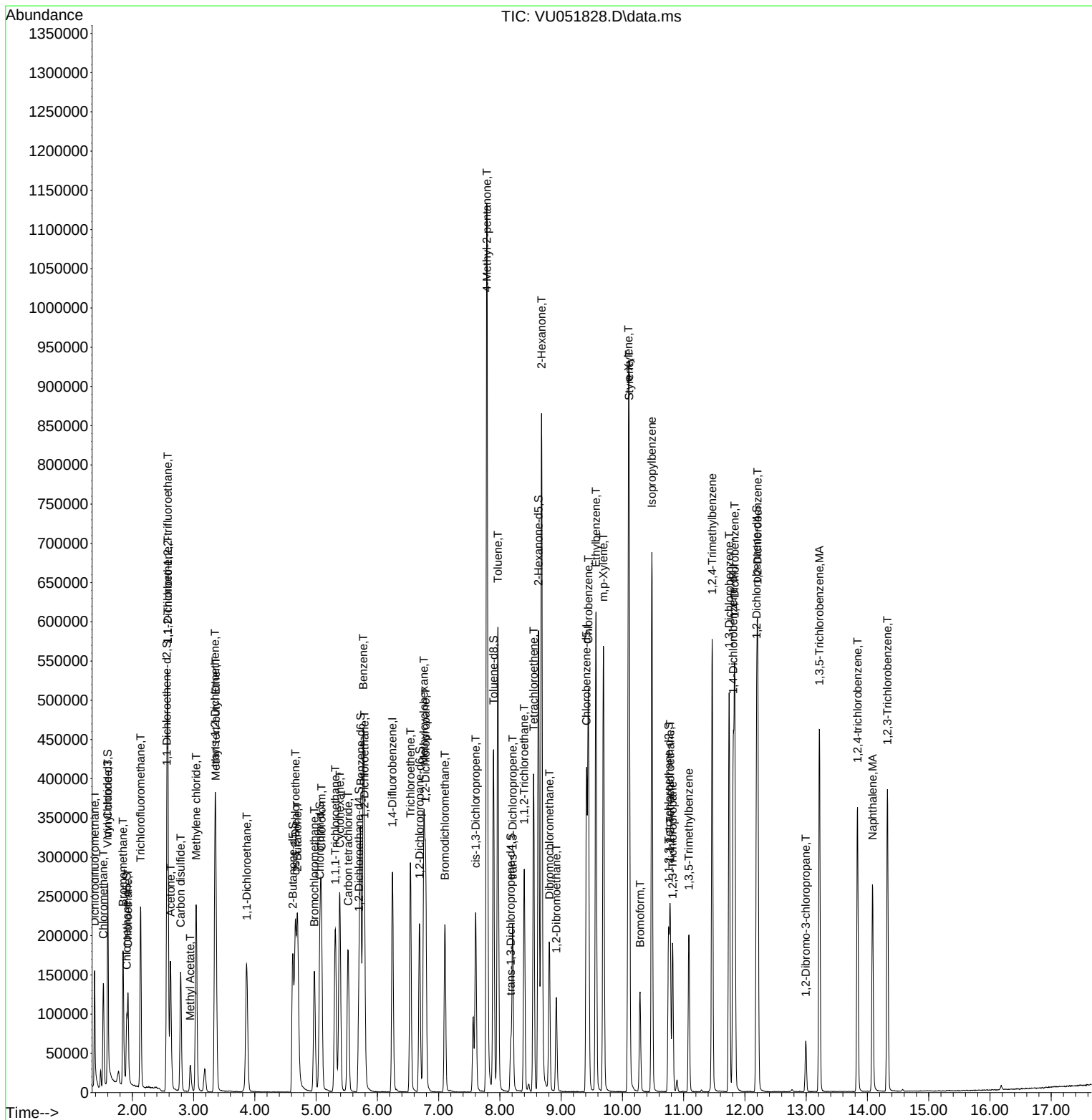
Instrument :
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 ClientSampleId :

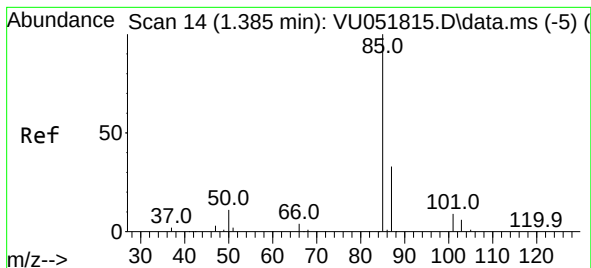
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	117805	4.639	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	150108	4.827	ug/L	100
30) Cyclohexane	5.385	56	118368	4.134	ug/L	100
31) Carbon tetrachloride	5.523	117	127318	4.787	ug/L	100
33) Benzene	5.771	78	408844	4.524	ug/L	100
34) Trichloroethene	6.539	95	102640	4.706	ug/L	98
35) Methylcyclohexane	6.761	83	129605	4.298	ug/L	99
37) 1,2-Dichloropropane	6.787	63	115320	4.961	ug/L	99
38) Bromodichloromethane	7.102	83	141940	4.999	ug/L	99
39) cis-1,3-Dichloropropene	7.604	75	139735	4.685	ug/L	100
40) 4-Methyl-2-pentanone	7.787	43	699282	59.973	ug/L	100
42) Toluene	7.967	91	448464	4.831	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	124172	4.982	ug/L	97
45) 1,1,2-Trichloroethane	8.398	97	88918	5.220	ug/L	97
47) Tetrachloroethene	8.552	164	92595	5.543	ug/L	96
48) 2-Hexanone	8.681	43	514659	59.631	ug/L	99
49) Dibromochloromethane	8.809	129	101025	5.191	ug/L	99
50) 1,2-Dibromoethane	8.922	107	78283	5.094	ug/L	90
51) Chlorobenzene	9.443	112	279351	4.782	ug/L	98
52) Ethylbenzene	9.568	91	427704	4.776	ug/L	100
53) m,p-Xylene	9.690	106	171545	4.931	ug/L	96
54) o-Xylene	10.099	106	167730	4.934	ug/L	97
55) Styrene	10.112	104	288323	5.073	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.780	83	118887	5.629	ug/L	98
59) Bromoform	10.288	173	58522	5.568	ug/L	98
60) Isopropylbenzene	10.481	105	438007	5.274	ug/L	100
61) 1,2,3-Trichloropropane	10.819	75	82650	5.619	ug/L	98
62) 1,3,5-Trimethylbenzene	11.086	105	108877	4.870	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	318291	4.938	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	217482	5.260	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	213860	5.159	ug/L	99
67) 1,2-Dichlorobenzene	12.208	146	210121	5.218	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	16613	5.485	ug/L	94
69) 1,3,5-Trichlorobenzene	13.218	180	146759	4.980	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	116103	5.132	ug/L	99
71) Naphthalene	14.082	128	220066	5.211	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	119762	5.242	ug/L	99

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

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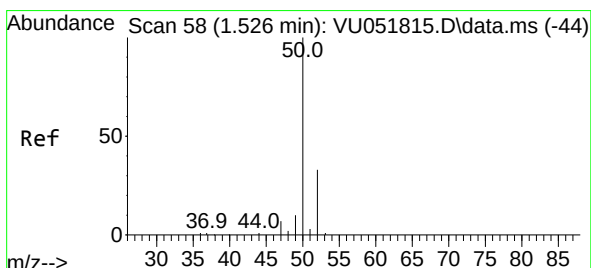
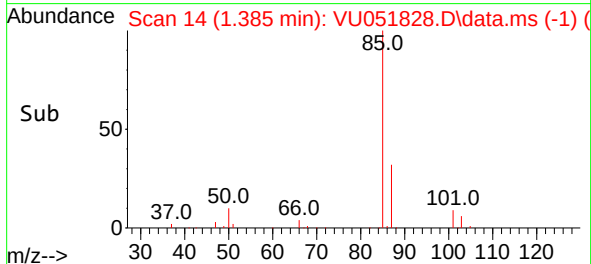
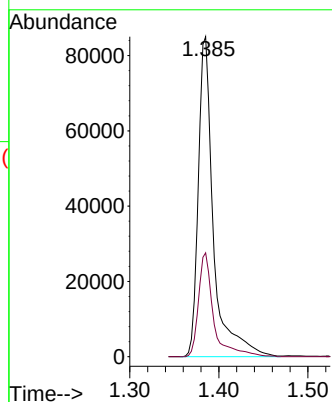
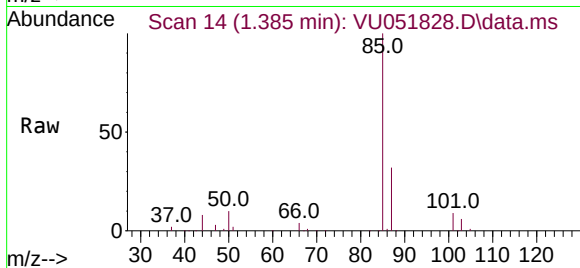




#2
Dichlorodifluoromethane
Concen: 3.989 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

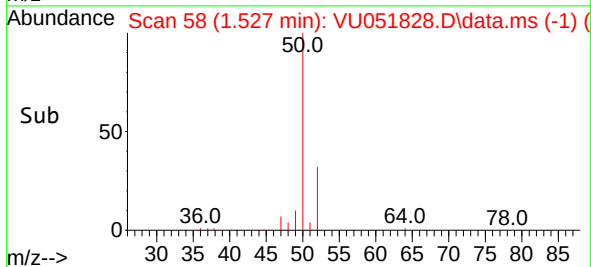
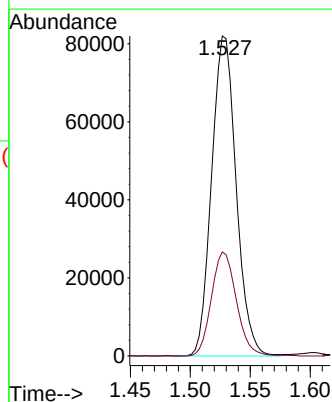
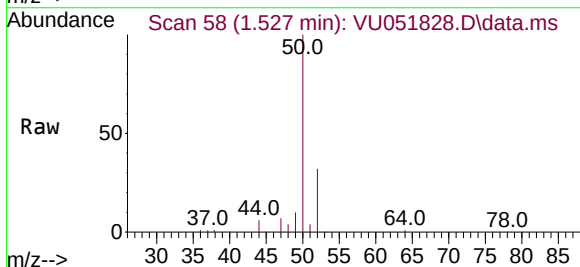
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MSVOA_U
ClientSampleId :

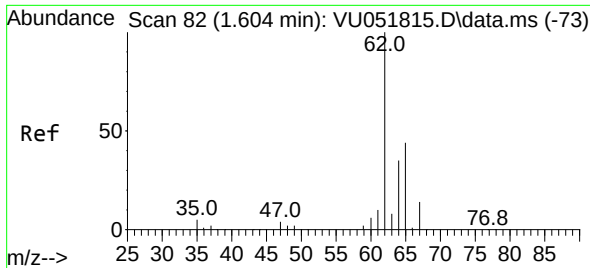
Tgt Ion: 85 Resp: 100839
Ion Ratio Lower Upper
85 100
87 32.4 25.7 38.5



#3
Chloromethane
Concen: 3.661 ug/L
RT: 1.527 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Tgt Ion: 50 Resp: 116656
Ion Ratio Lower Upper
50 100
52 32.5 23.2 43.2

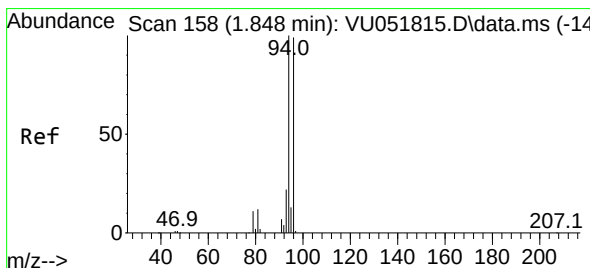
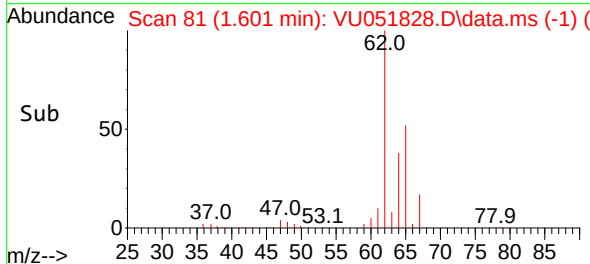
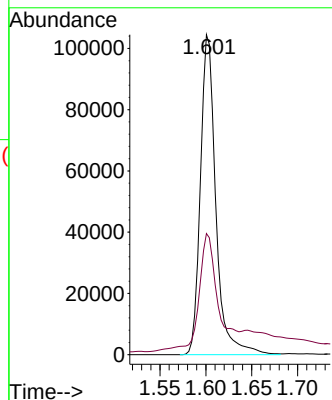
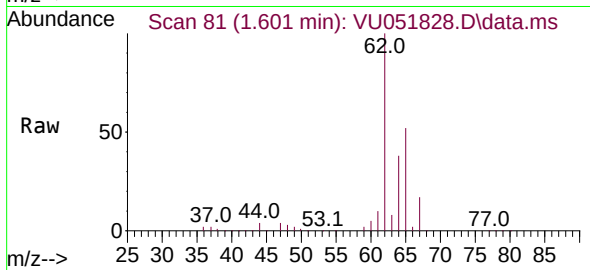




#5
 Vinyl chloride
 Concen: 4.017 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. -0.003 min
 Lab File: VU051828.D
 Acq: 11 Nov 2022 20:37

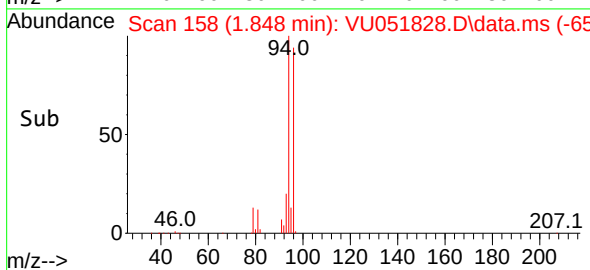
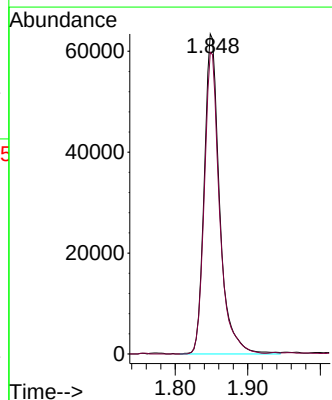
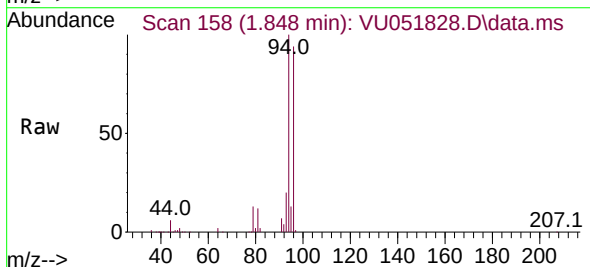
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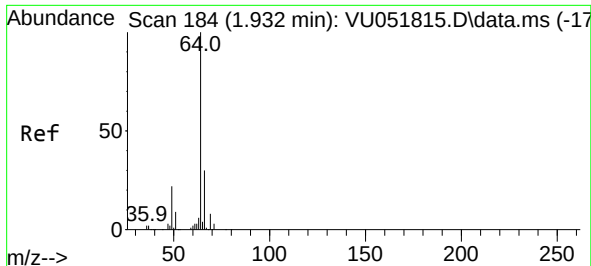
Tgt Ion: 62 Resp: 122610
 Ion Ratio Lower Upper
 62 100
 64 37.9 22.1 41.1



#6
 Bromomethane
 Concen: 6.452 ug/L
 RT: 1.848 min Scan# 158
 Delta R.T. 0.000 min
 Lab File: VU051828.D
 Acq: 11 Nov 2022 20:37

Tgt Ion: 94 Resp: 93383
 Ion Ratio Lower Upper
 94 100
 96 94.2 63.2 117.4

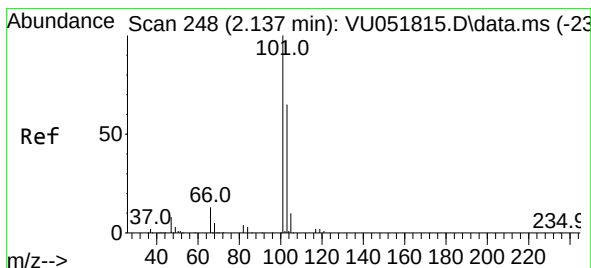
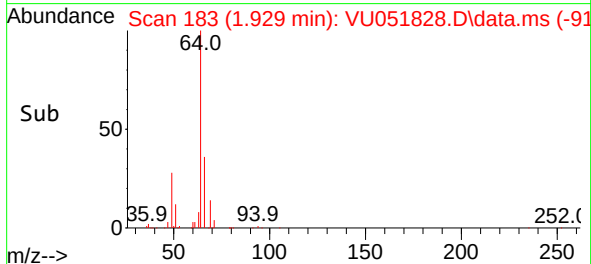
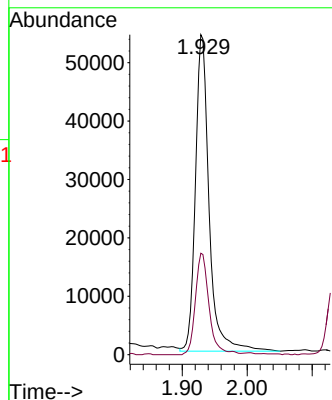
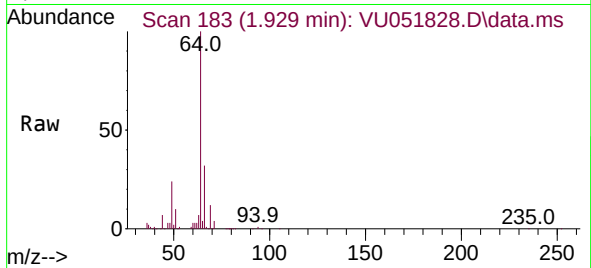




#8
Chloroethane
Concen: 4.289 ug/L
RT: 1.929 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

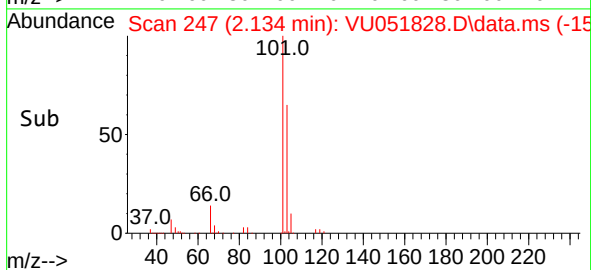
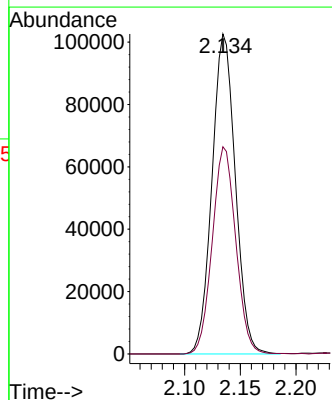
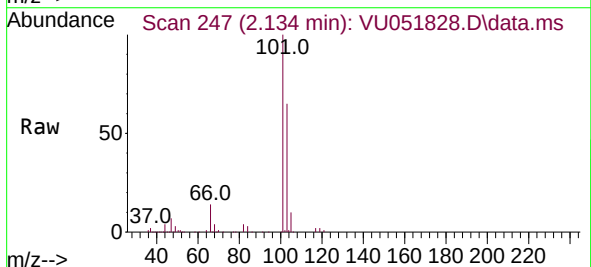
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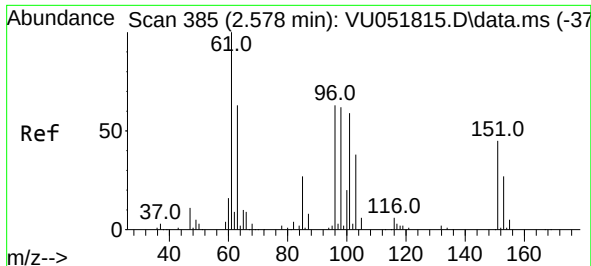
Tgt Ion: 64 Resp: 79499
Ion Ratio Lower Upper
64 100
66 31.7 22.3 41.5



#9
Trichlorofluoromethane
Concen: 4.466 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Tgt Ion:101 Resp: 149648
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.6

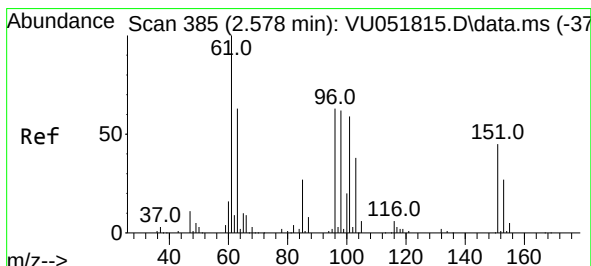
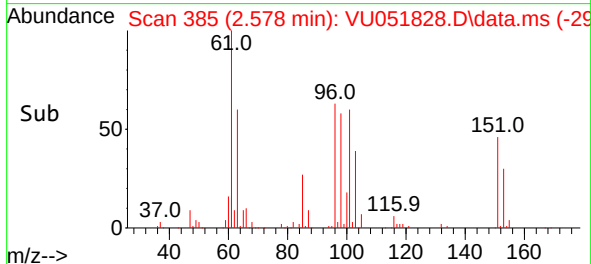
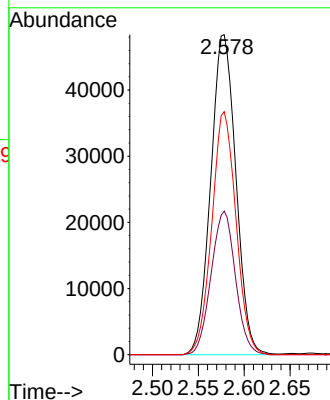
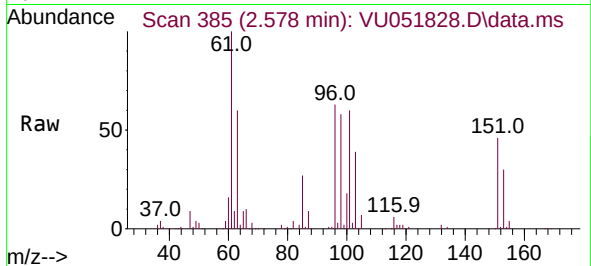




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.684 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051828.D
 Acq: 11 Nov 2022 20:37

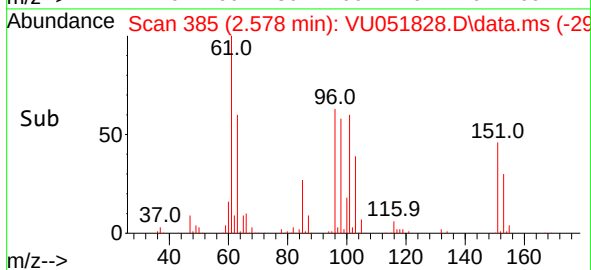
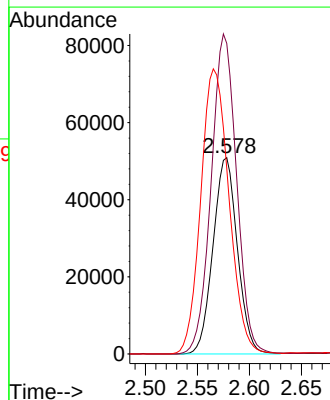
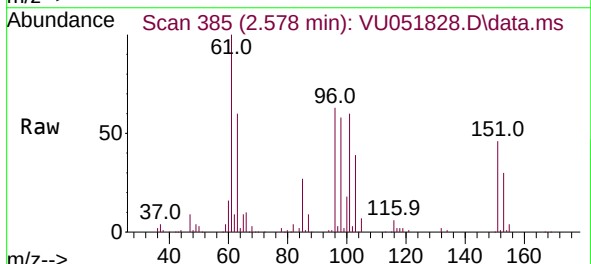
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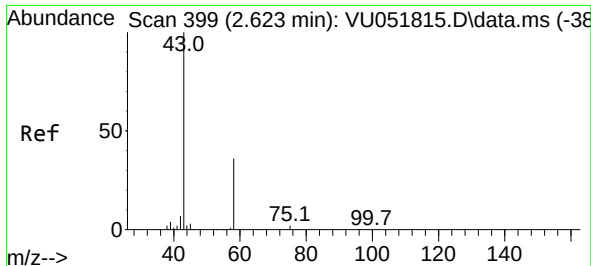
Tgt Ion:101 Resp: 92270
 Ion Ratio Lower Upper
 101 100
 85 43.4 35.6 53.4
 151 73.3 59.6 89.4



#12
 1,1-Dichloroethene
 Concen: 4.134 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU051828.D
 Acq: 11 Nov 2022 20:37

Tgt Ion: 96 Resp: 83067
 Ion Ratio Lower Upper
 96 100
 61 158.1 108.8 202.0
 63 94.5 64.9 120.5





#13

Acetone

Concen: 51.427 ug/L

RT: 2.623 min Scan# 399

Delta R.T. 0.000 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

Instrument :

MSVOA_U

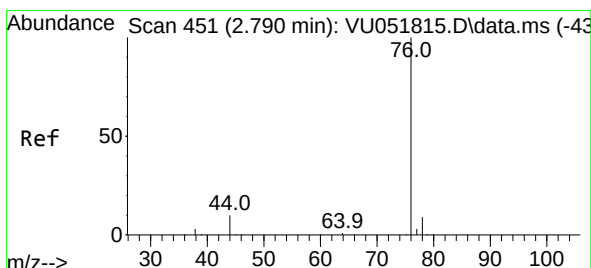
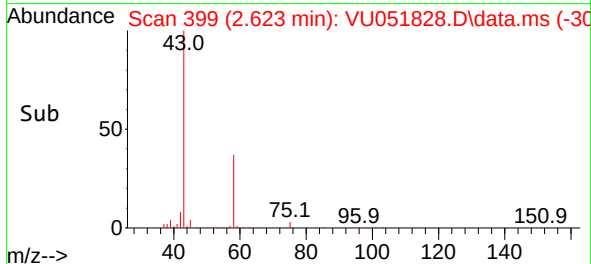
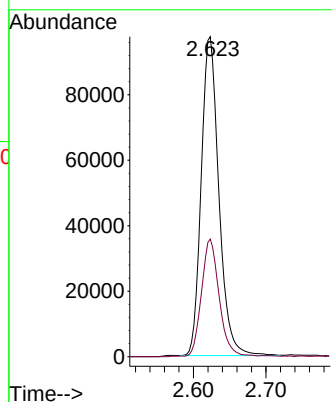
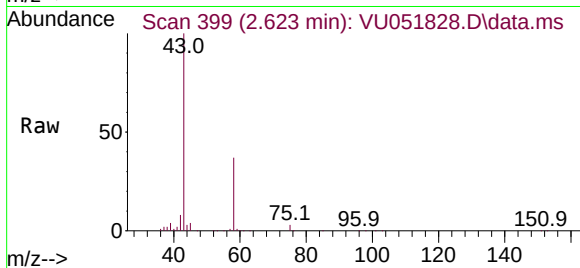
ClientSampleId :

Tgt Ion: 43 Resp: 164514

Ion Ratio Lower Upper

43 100

58 37.1 0.0 73.8



#14

Carbon disulfide

Concen: 3.133 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.000 min

Lab File: VU051828.D

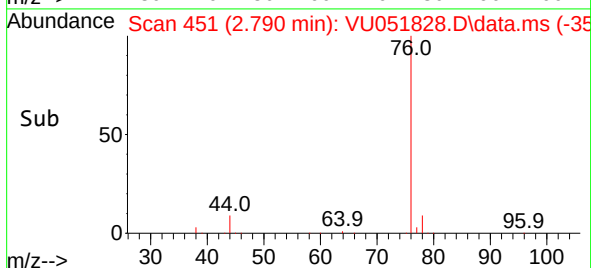
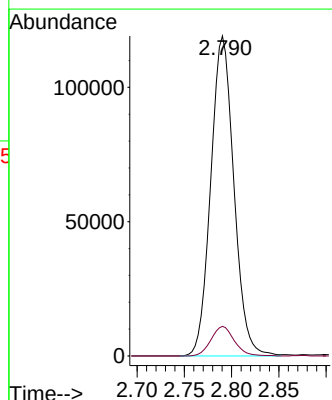
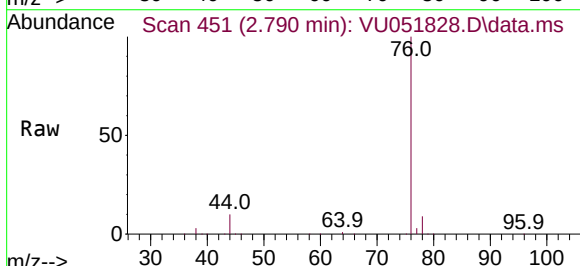
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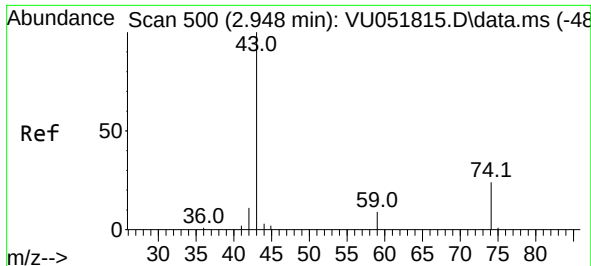
Tgt Ion: 76 Resp: 202926

Ion Ratio Lower Upper

76 100

78 9.2 7.4 11.2

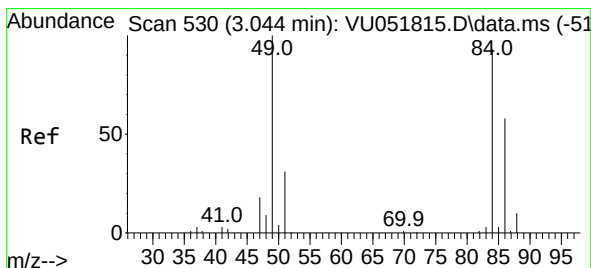
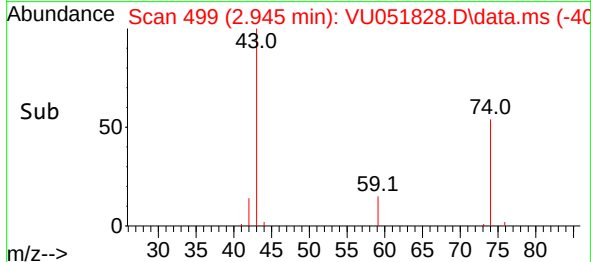
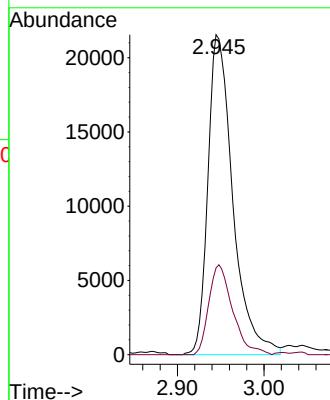
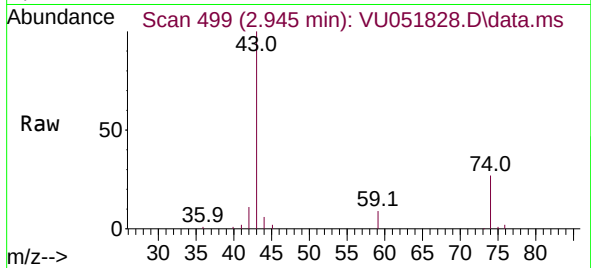




#15
Methyl Acetate
Concen: 5.142 ug/L
RT: 2.945 min Scan# 499
Delta R.T. -0.003 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

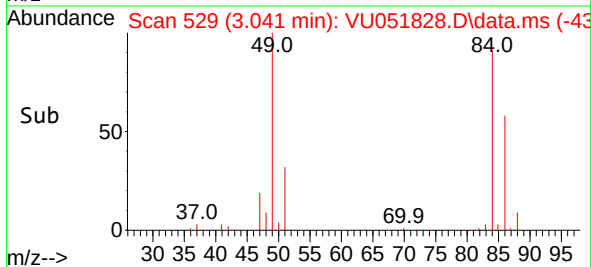
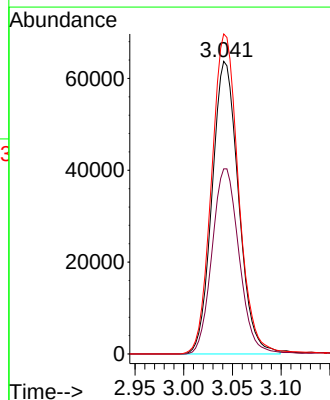
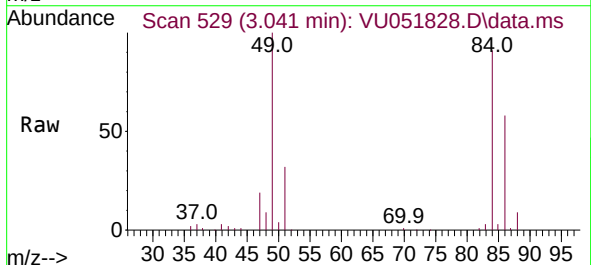
Instrument :
MSVOA_U
ClientSampleId :

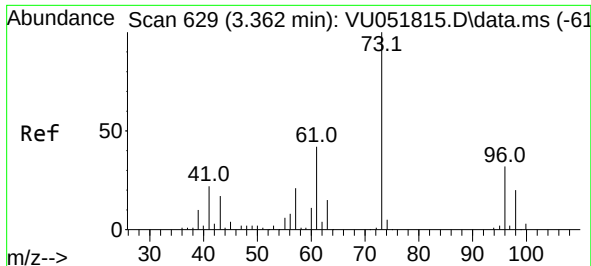
Tgt Ion: 43 Resp: 43064
Ion Ratio Lower Upper
43 100
74 26.8 20.2 30.4



#16
Methylene chloride
Concen: 3.657 ug/L
RT: 3.041 min Scan# 529
Delta R.T. -0.003 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

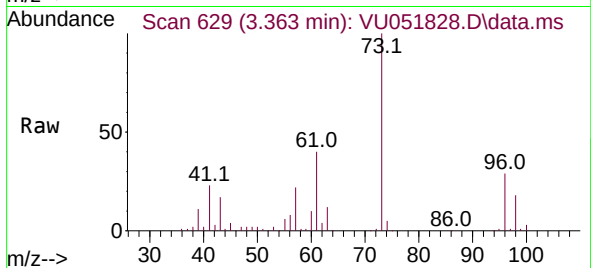
Tgt Ion: 84 Resp: 120358
Ion Ratio Lower Upper
84 100
86 63.3 46.3 85.9
49 109.4 76.0 141.2



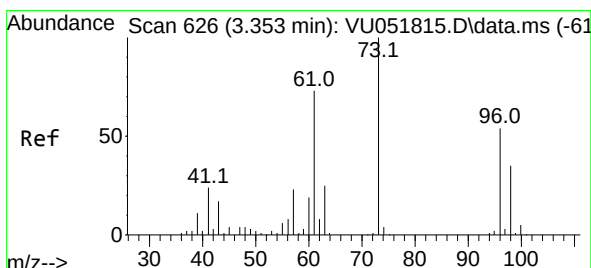
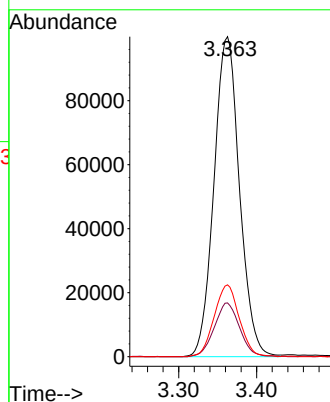
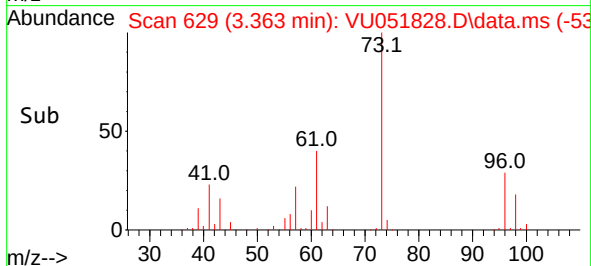


#17
Methyl tert-butyl Ether
Concen: 4.944 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

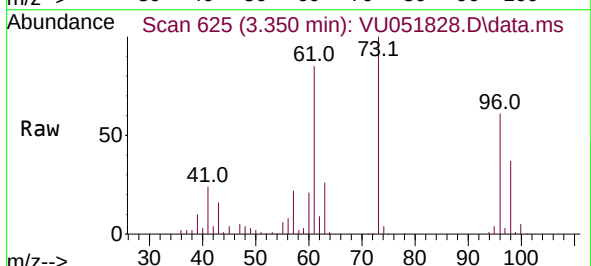
Instrument :
MSVOA_U
ClientSampleId :



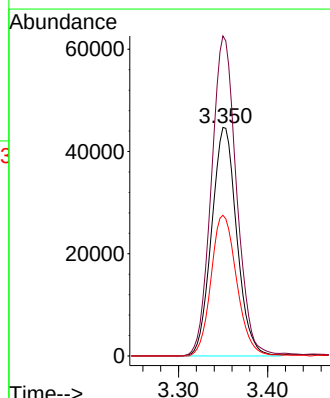
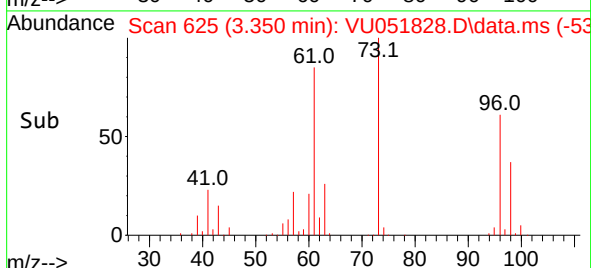
Tgt Ion: 73 Resp: 227791
Ion Ratio Lower Upper
73 100
43 16.6 13.6 20.4
57 22.1 17.5 26.3

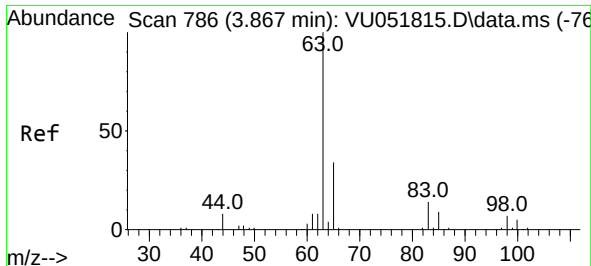


#18
trans-1,2-Dichloroethene
Concen: 4.068 ug/L
RT: 3.350 min Scan# 625
Delta R.T. -0.003 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37



Tgt Ion: 96 Resp: 87735
Ion Ratio Lower Upper
96 100
61 140.0 94.7 175.9
98 61.6 44.2 82.0





#19

1,1-Dichloroethane

Concen: 4.657 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

Instrument :

MSVOA_U

ClientSampleId :

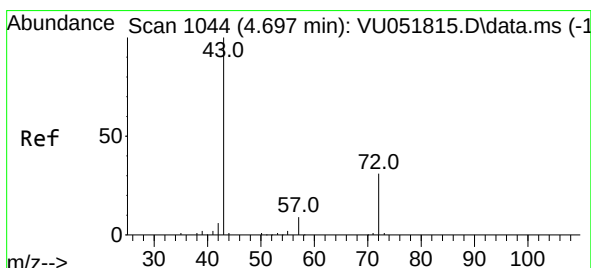
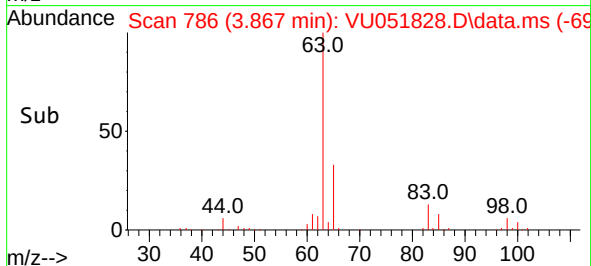
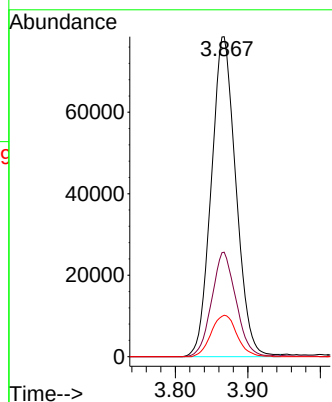
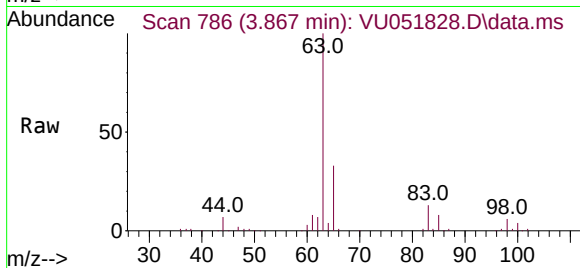
Tgt Ion: 63 Resp: 185236

Ion Ratio Lower Upper

63 100

65 32.7 22.7 42.1

83 12.9 9.2 17.0



#21

2-Butanone

Concen: 57.003 ug/L

RT: 4.697 min Scan# 1044

Delta R.T. 0.000 min

Lab File: VU051828.D

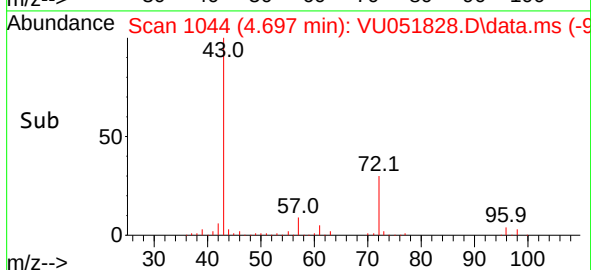
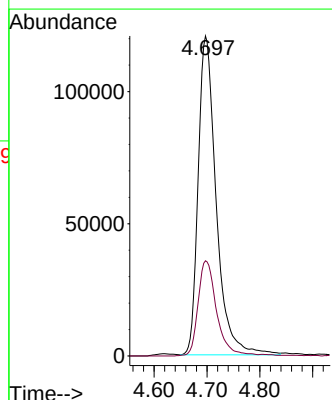
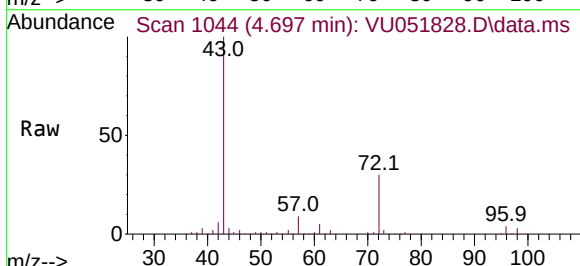
Acq: 11 Nov 2022 20:37

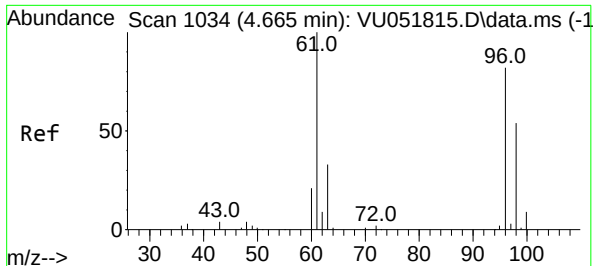
Tgt Ion: 43 Resp: 285564

Ion Ratio Lower Upper

43 100

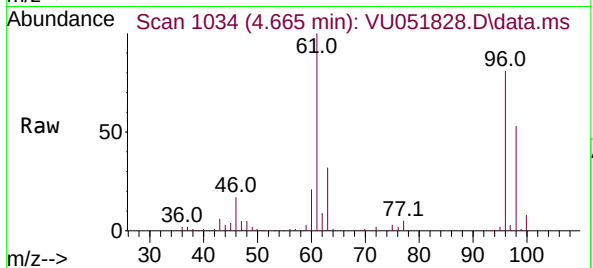
72 30.7 16.2 48.5



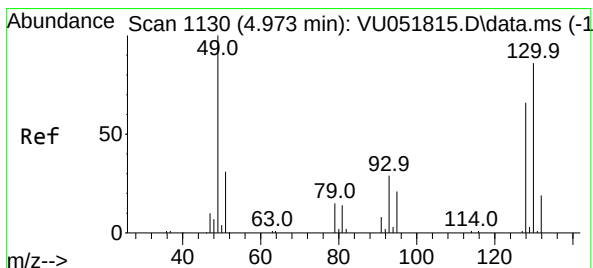
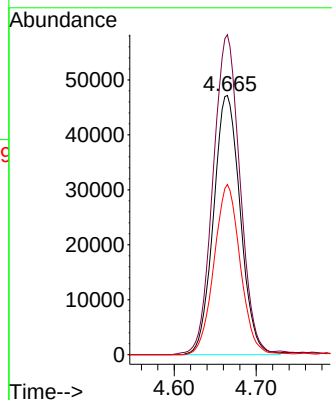
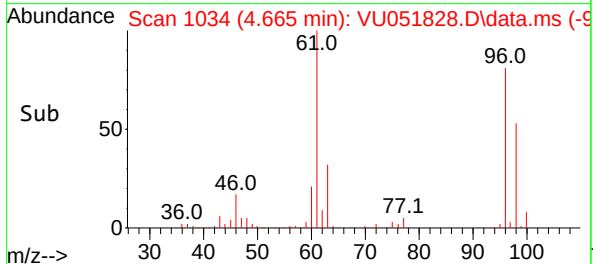


#22
 cis-1,2-Dichloroethene
 Concen: 4.491 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU051828.D
 Acq: 11 Nov 2022 20:37

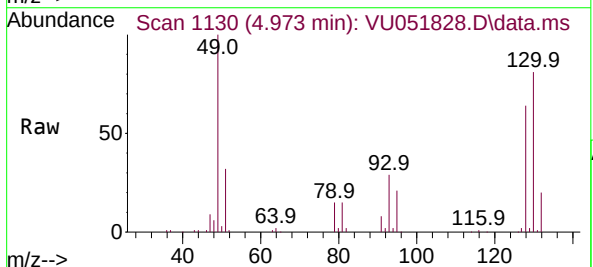
Instrument :
 MSVOA_U
 ClientSampleId :



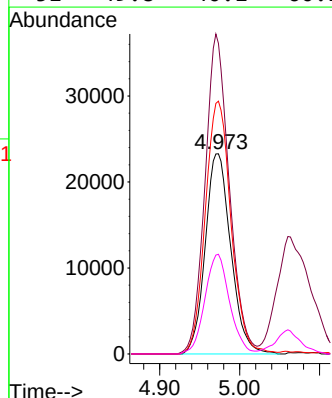
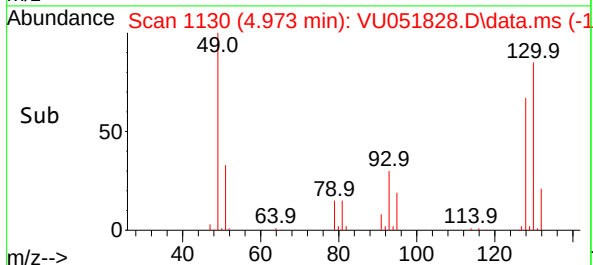
Tgt Ion: 96 Resp: 107176
 Ion Ratio Lower Upper
 96 100
 61 123.5 86.4 160.4
 98 65.7 44.2 82.2

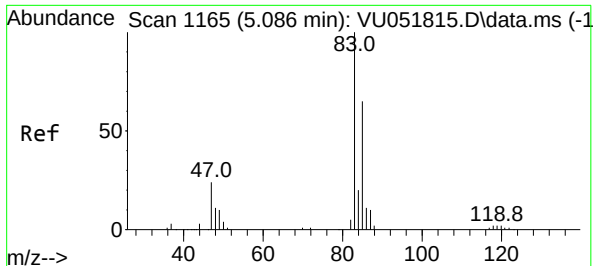


#23
 Bromochloromethane
 Concen: 4.631 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU051828.D
 Acq: 11 Nov 2022 20:37



Tgt Ion: 128 Resp: 51672
 Ion Ratio Lower Upper
 128 100
 49 155.2 105.5 195.9
 130 126.3 93.5 173.7
 51 49.8 40.1 60.1





#25

Chloroform

Concen: 4.822 ug/L

RT: 5.086 min Scan# 1165

Delta R.T. 0.000 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

Instrument :

MSVOA_U

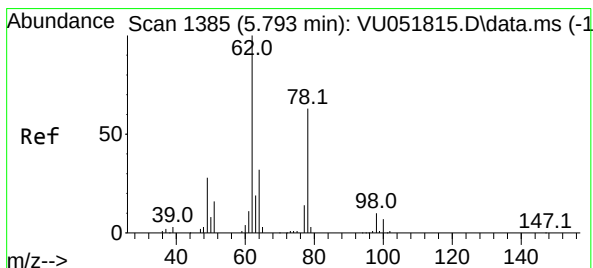
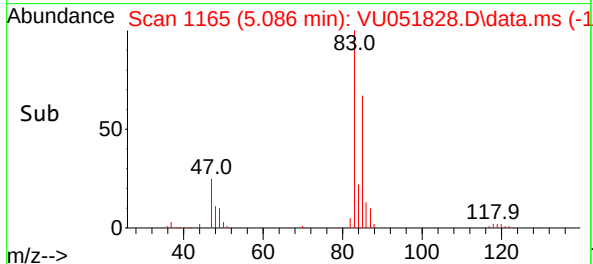
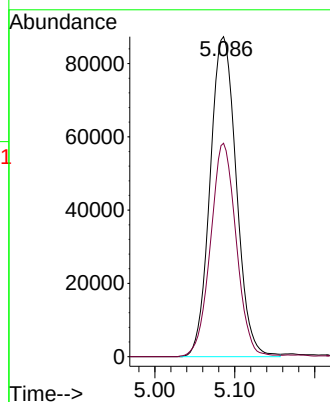
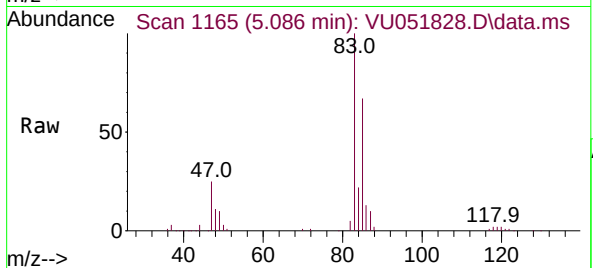
ClientSampleId :

Tgt Ion: 83 Resp: 198993

Ion Ratio Lower Upper

83 100

85 66.7 45.2 84.0



#27

1,2-Dichloroethane

Concen: 4.639 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU051828.D

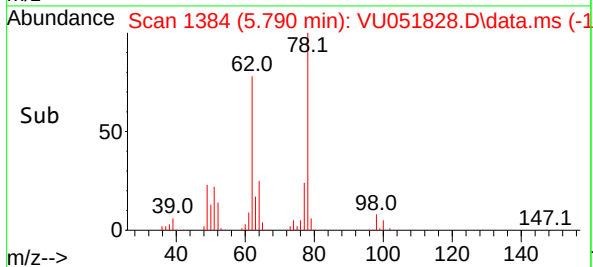
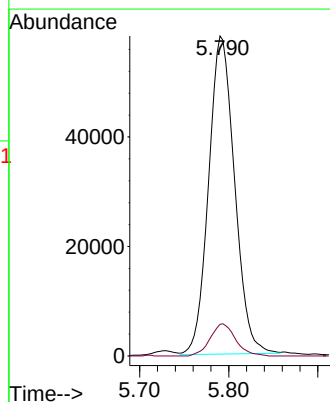
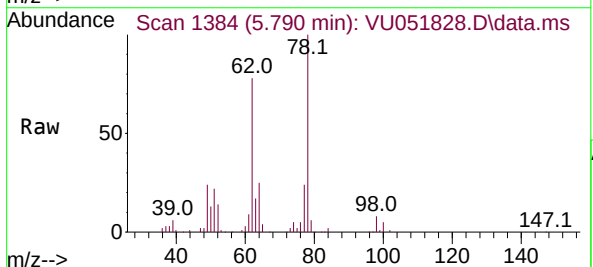
Acq: 11 Nov 2022 20:37

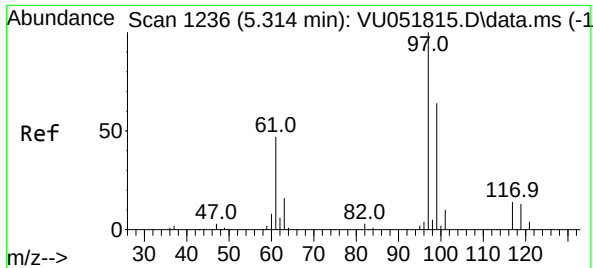
Tgt Ion: 62 Resp: 117805

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.0

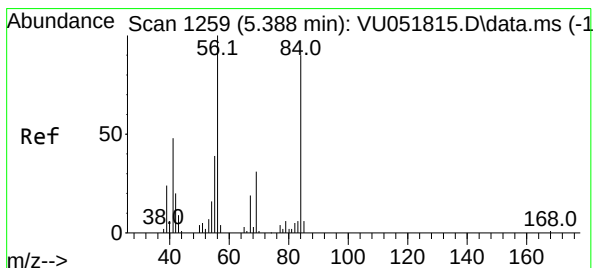
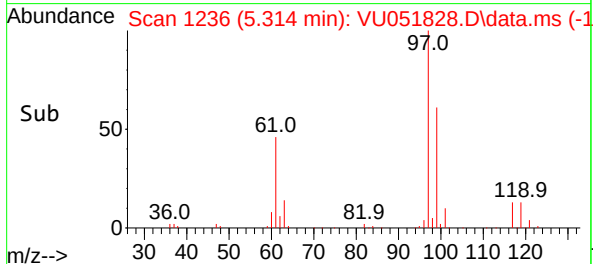
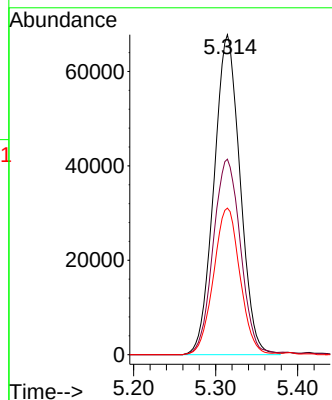
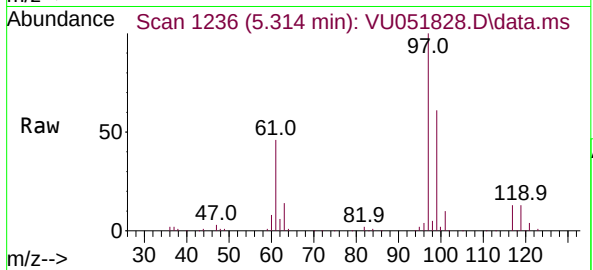




#29
1,1,1-Trichloroethane
Concen: 4.827 ug/L
RT: 5.314 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

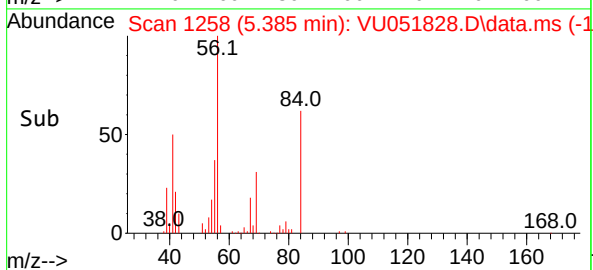
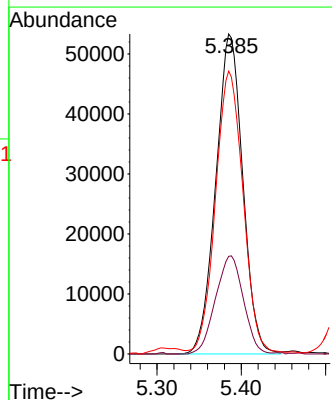
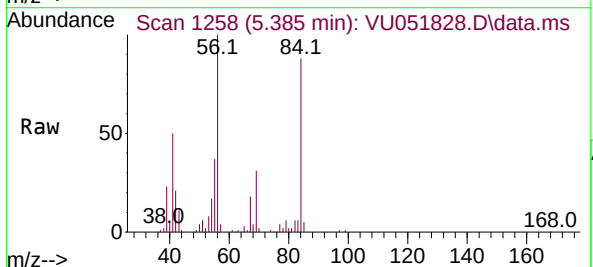
Instrument :
MSVOA_U
ClientSampleId :

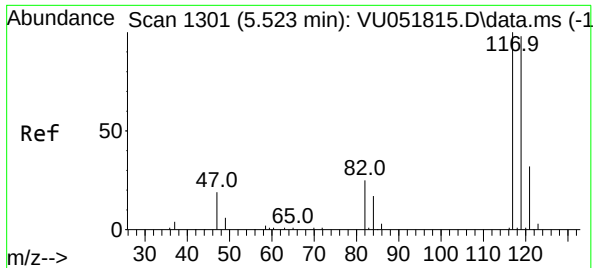
Tgt Ion: 97 Resp: 150108
Ion Ratio Lower Upper
97 100
99 63.9 51.1 76.7
61 46.4 37.4 56.0



#30
Cyclohexane
Concen: 4.134 ug/L
RT: 5.385 min Scan# 1258
Delta R.T. -0.003 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Tgt Ion: 56 Resp: 118368
Ion Ratio Lower Upper
56 100
69 31.7 25.4 38.0
84 89.6 71.4 107.0

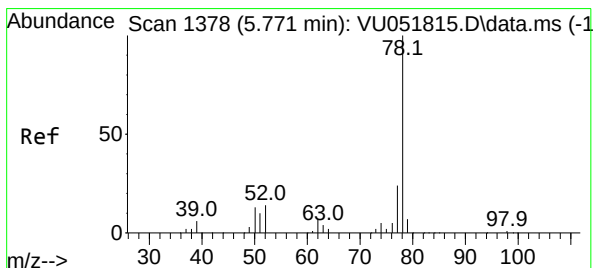
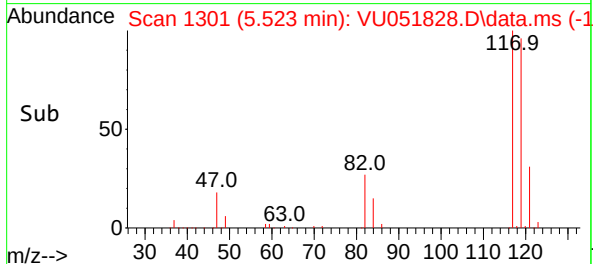
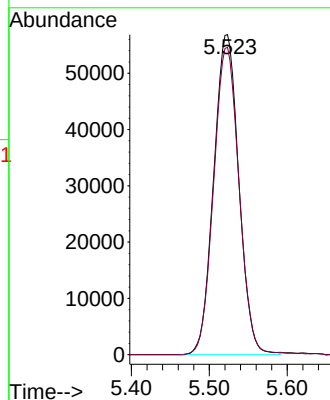
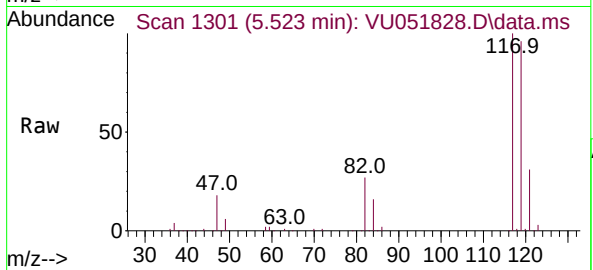




#31
Carbon tetrachloride
Concen: 4.787 ug/L
RT: 5.523 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

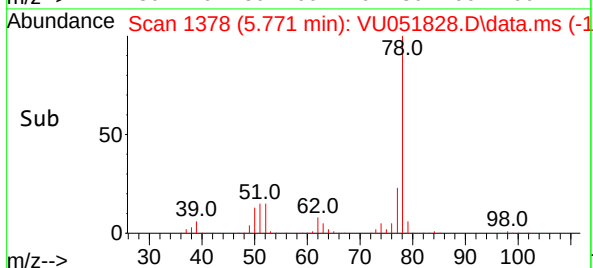
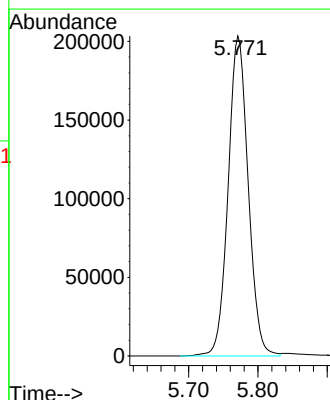
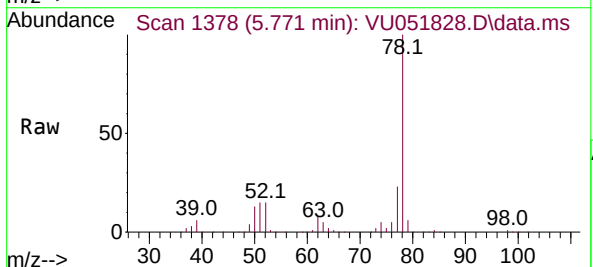
Instrument :
MSVOA_U
ClientSampleId :

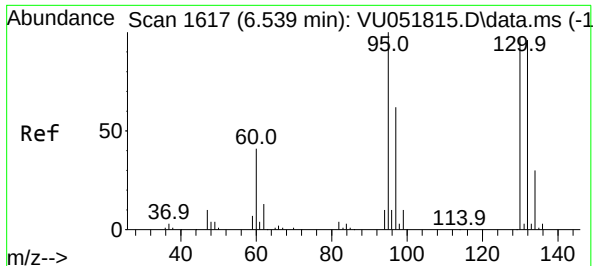
Tgt Ion:117 Resp: 127318
Ion Ratio Lower Upper
117 100
119 97.2 77.5 116.3



#33
Benzene
Concen: 4.524 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

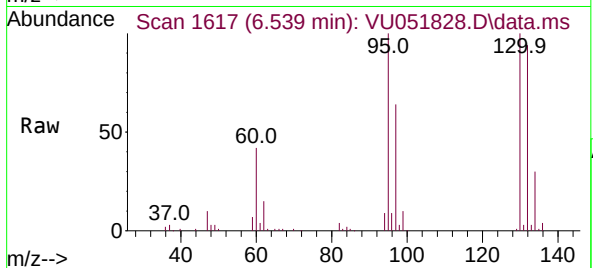
Tgt Ion: 78 Resp: 408844



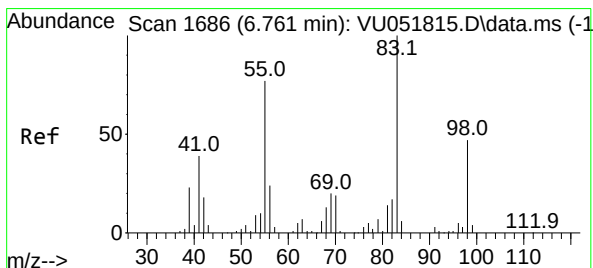
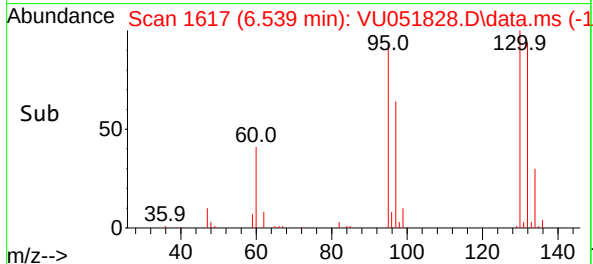
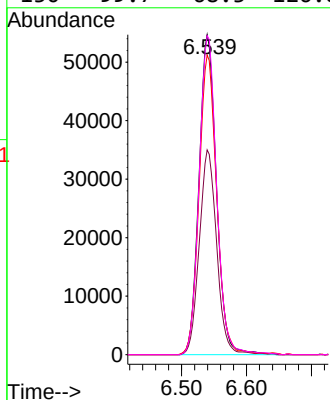


#34
Trichloroethene
Concen: 4.706 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Instrument :
MSVOA_U
ClientSampleId :

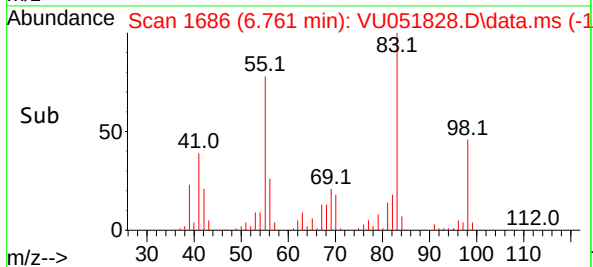
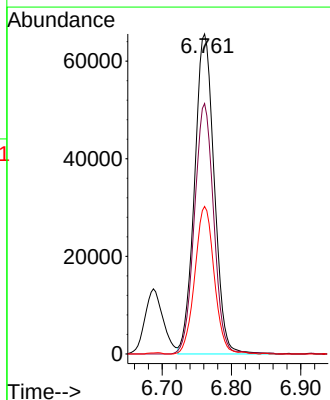
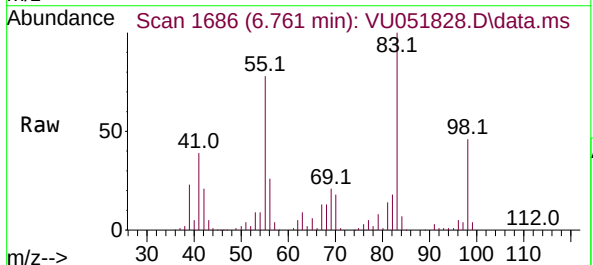


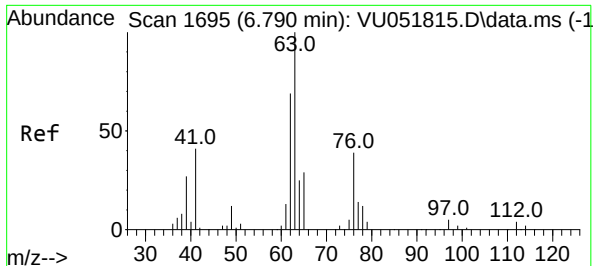
Tgt Ion: 95 Resp: 102640
Ion Ratio Lower Upper
95 100
97 64.0 45.2 84.0
132 93.7 66.5 123.5
130 99.7 68.3 126.8



#35
Methylcyclohexane
Concen: 4.298 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Tgt Ion: 83 Resp: 129605
Ion Ratio Lower Upper
83 100
55 76.7 60.6 90.8
98 45.1 35.8 53.6





#37

1,2-Dichloropropane

Concen: 4.961 ug/L

RT: 6.787 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

Instrument :

MSVOA_U

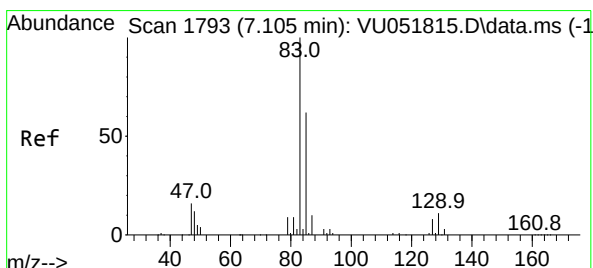
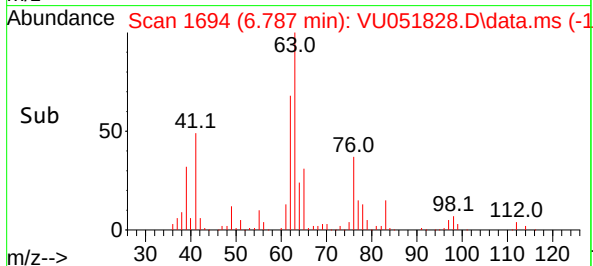
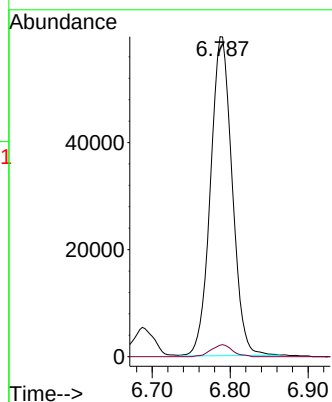
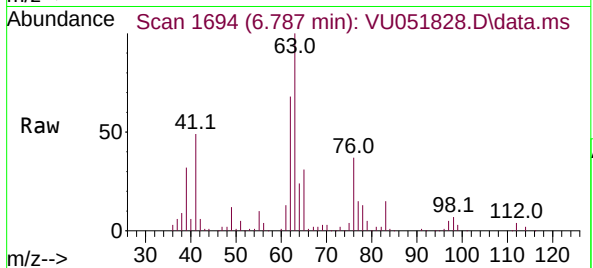
ClientSampleId :

Tgt Ion: 63 Resp: 115320

Ion Ratio Lower Upper

63 100

112 3.7 3.3 4.9



#38

Bromodichloromethane

Concen: 4.999 ug/L

RT: 7.102 min Scan# 1792

Delta R.T. -0.003 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

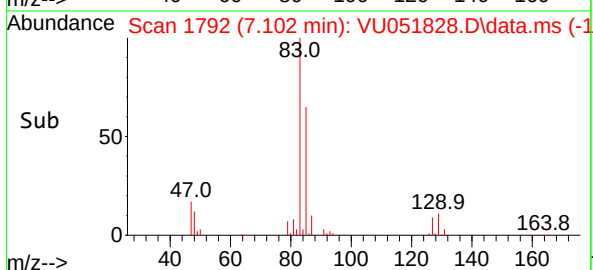
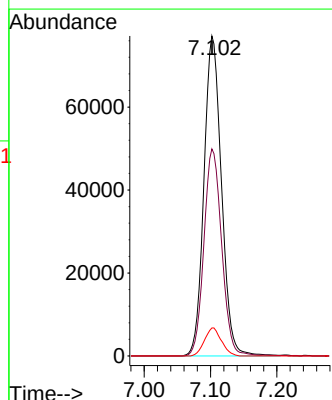
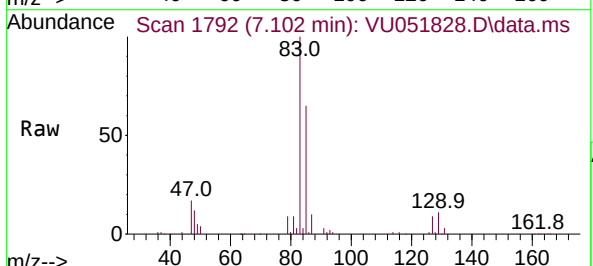
Tgt Ion: 83 Resp: 141940

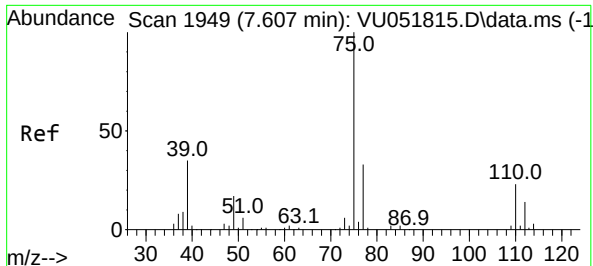
Ion Ratio Lower Upper

83 100

85 64.7 45.1 83.7

127 8.7 6.6 9.8





#39

cis-1,3-Dichloropropene

Concen: 4.685 ug/L

RT: 7.604 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

Instrument :

MSVOA_U

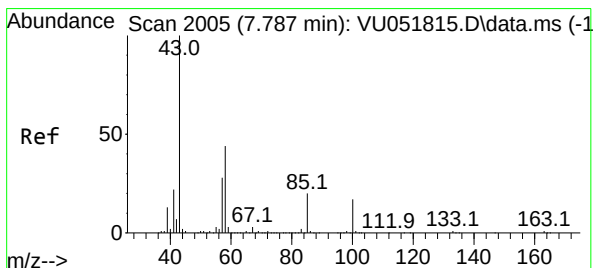
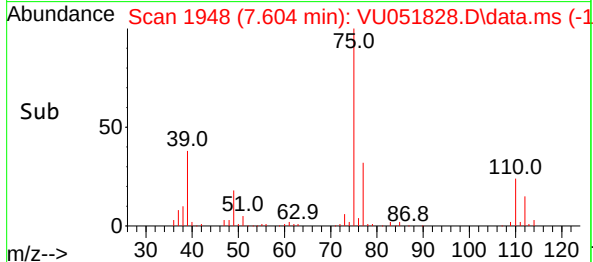
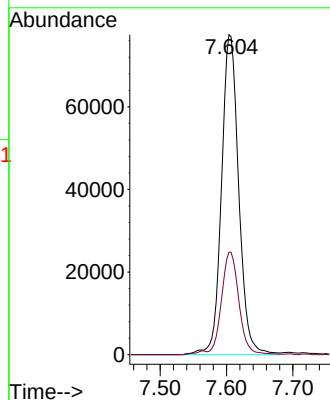
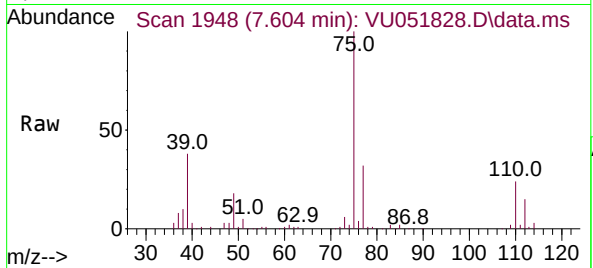
ClientSampleId :

Tgt Ion: 75 Resp: 139735

Ion Ratio Lower Upper

75 100

77 32.1 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 59.973 ug/L

RT: 7.787 min Scan# 2005

Delta R.T. 0.000 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

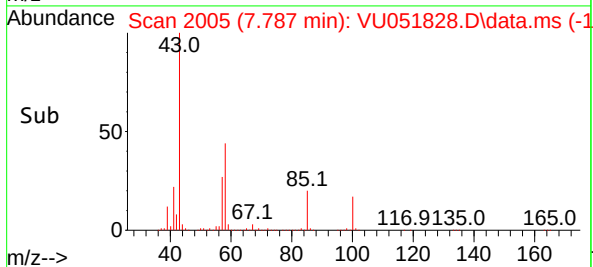
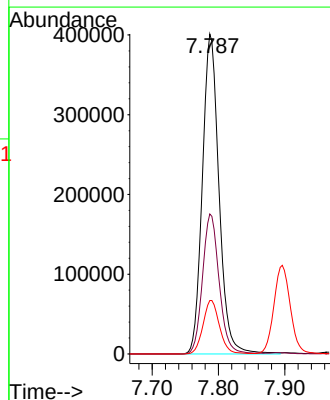
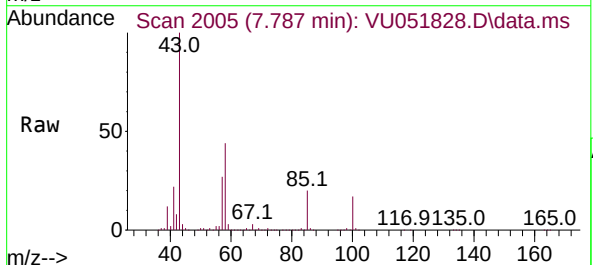
Tgt Ion: 43 Resp: 699282

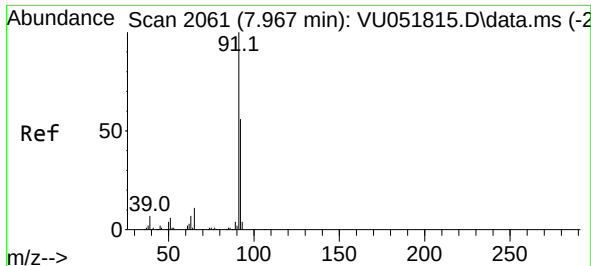
Ion Ratio Lower Upper

43 100

58 43.9 35.0 52.6

100 16.6 13.4 20.0





#42

Toluene

Concen: 4.831 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

Instrument :

MSVOA_U

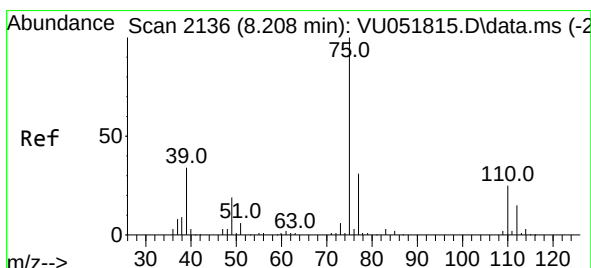
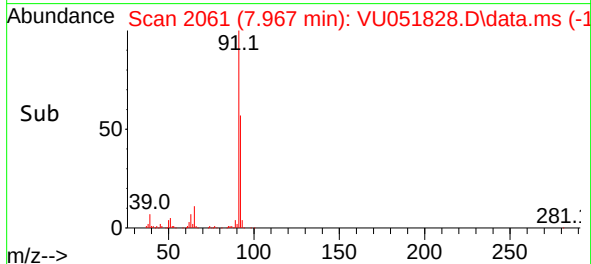
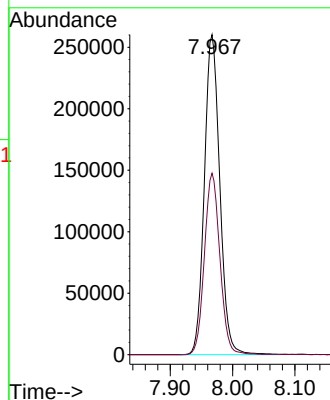
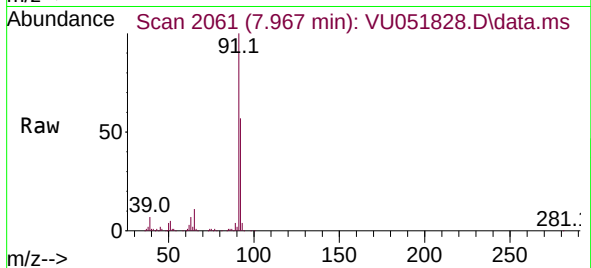
ClientSampleId :

Tgt Ion: 91 Resp: 448464

Ion Ratio Lower Upper

91 100

92 56.7 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 4.982 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU051828.D

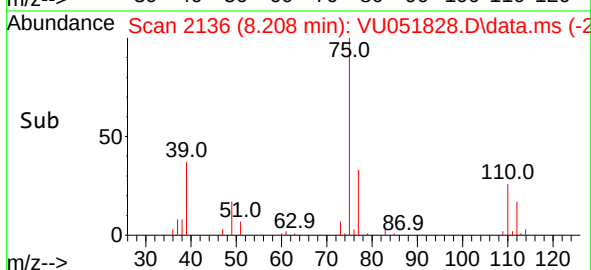
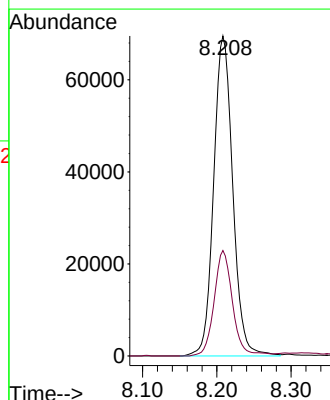
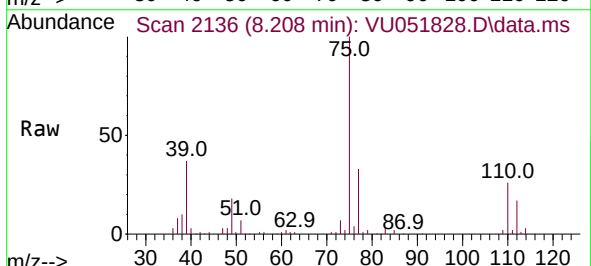
Acq: 11 Nov 2022 20:37

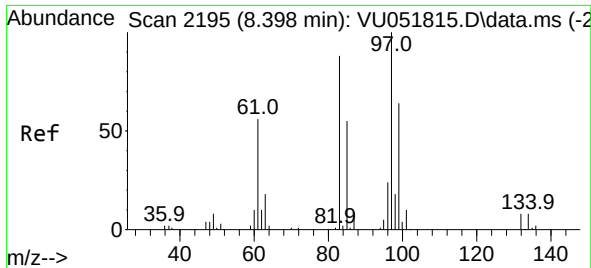
Tgt Ion: 75 Resp: 124172

Ion Ratio Lower Upper

75 100

77 33.0 21.8 40.6

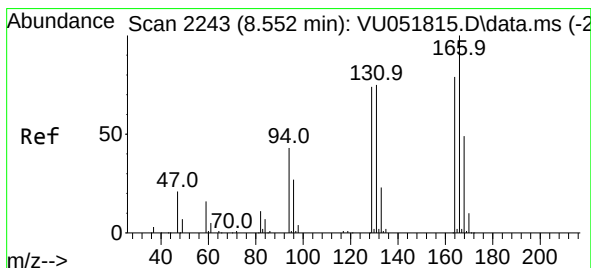
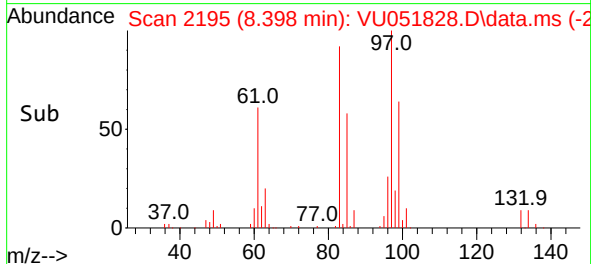
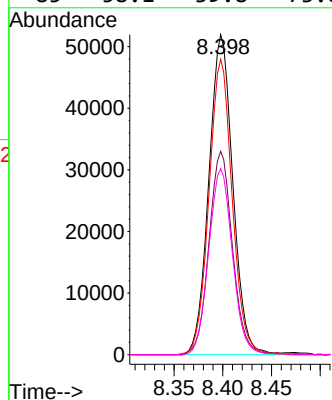
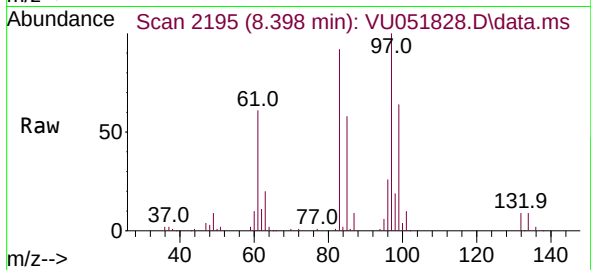




#45
1,1,2-Trichloroethane
Concen: 5.220 ug/L
RT: 8.398 min Scan# 2195
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

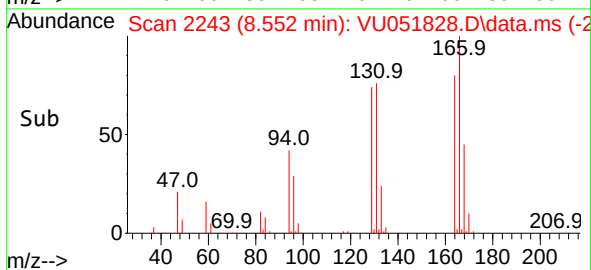
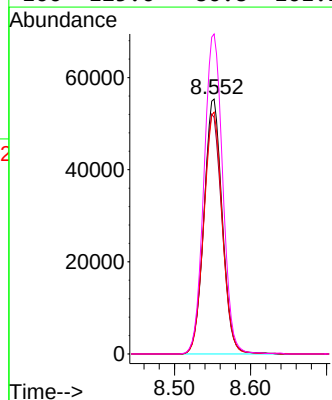
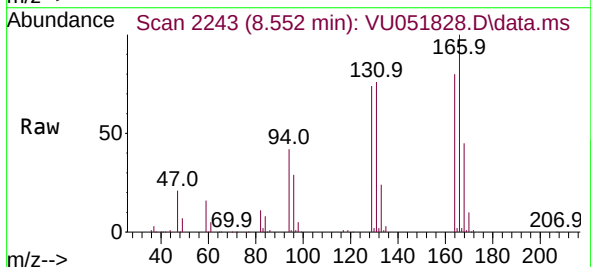
Instrument :
MSVOA_U
ClientSampleId :

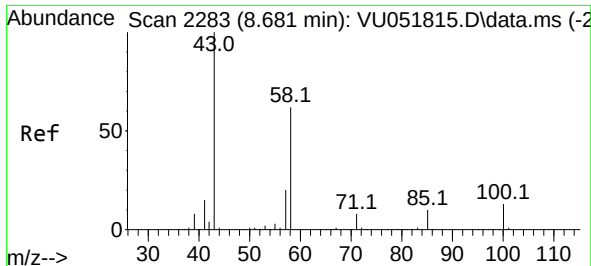
Tgt Ion: 97	Resp: 88918
Ion Ratio	Lower Upper
97 100	
99 63.5	43.4 80.6
83 92.3	61.3 113.9
85 58.1	39.8 73.8



#47
Tetrachloroethene
Concen: 5.543 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Tgt	Ion:164	Resp:	92595
Ion	Ratio	Lower	Upper
164	100		
129	92.8	64.0	118.8
131	94.9	60.7	112.7
166	125.6	86.8	161.2

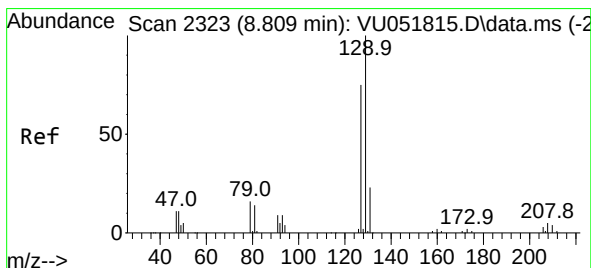
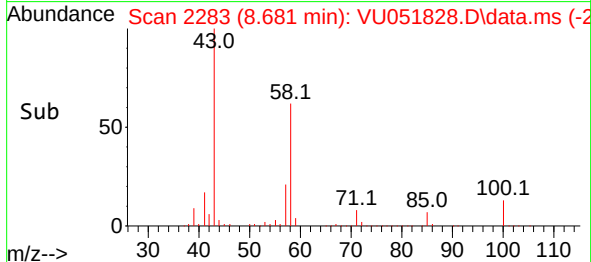
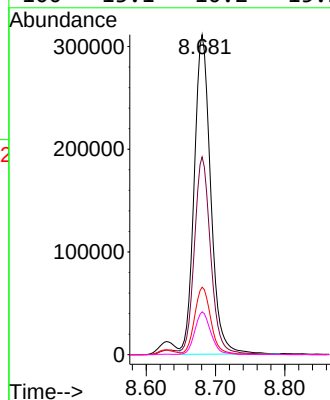
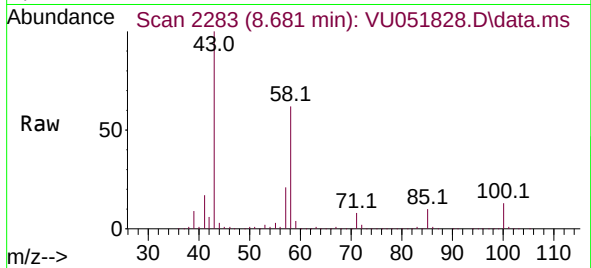




#48
2-Hexanone
Concen: 59.631 ug/L
RT: 8.681 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

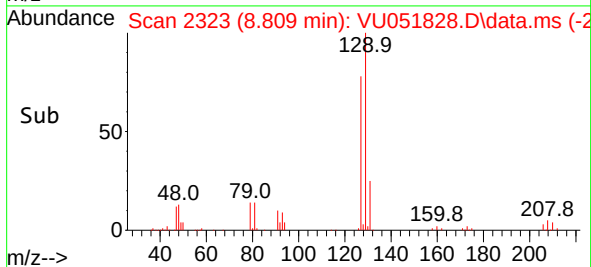
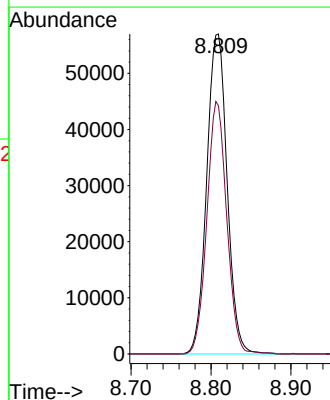
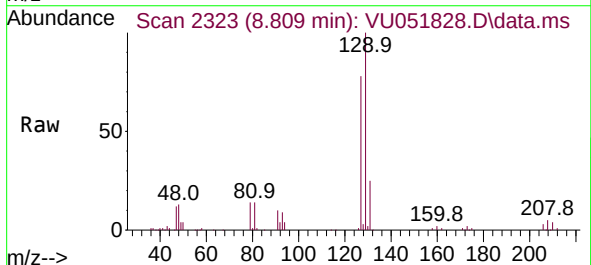
Instrument :
MSVOA_U
ClientSampleId :

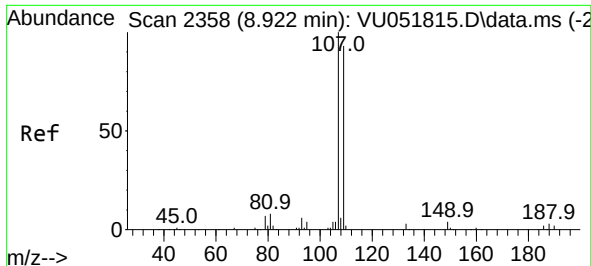
Tgt Ion: 43	Resp: 514659
Ion Ratio	Lower Upper
43 100	
58 61.1	48.2 72.2
57 20.9	16.6 25.0
100 13.1	10.2 15.2



#49
Dibromochloromethane
Concen: 5.191 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Tgt Ion:129	Resp: 101025
Ion Ratio	Lower Upper
129 100	
127 77.6	54.8 101.8

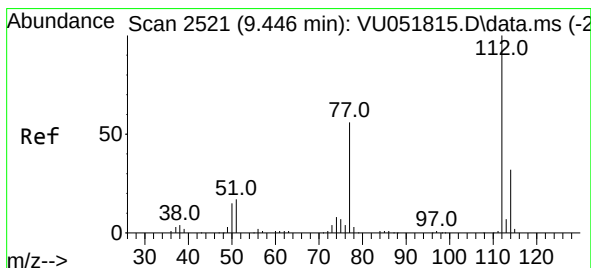
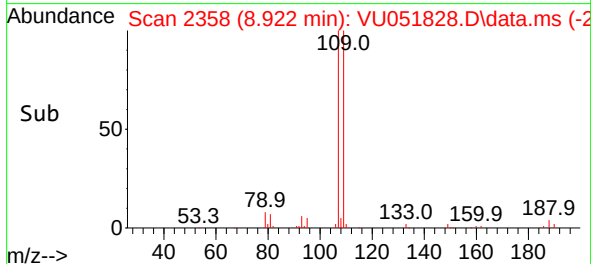
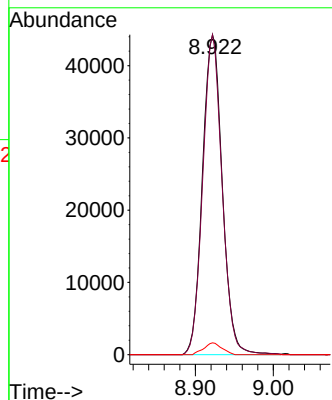
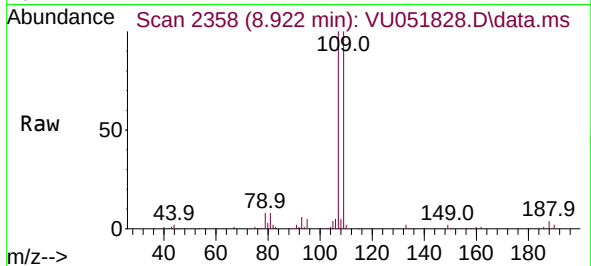




#50
1,2-Dibromoethane
Concen: 5.094 ug/L
RT: 8.922 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

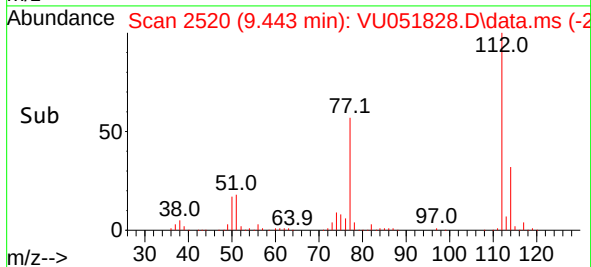
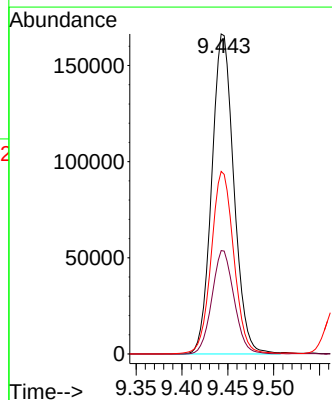
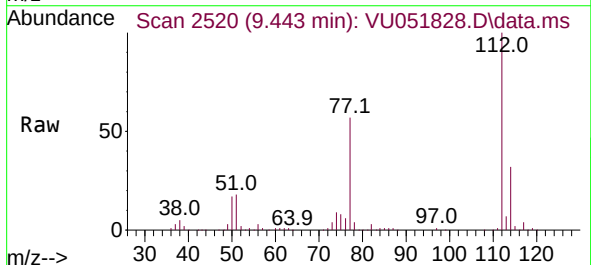
Instrument :
MSVOA_U
ClientSampleId :

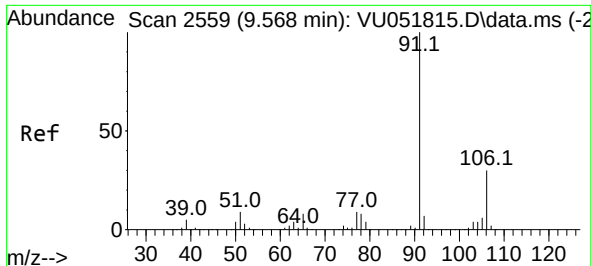
Tgt Ion:107 Resp: 78283
Ion Ratio Lower Upper
107 100
109 100.0 63.0 117.0
188 3.7 3.0 4.4



#51
Chlorobenzene
Concen: 4.782 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Tgt Ion:112 Resp: 279351
Ion Ratio Lower Upper
112 100
114 32.3 22.0 40.8
77 57.0 46.7 70.1

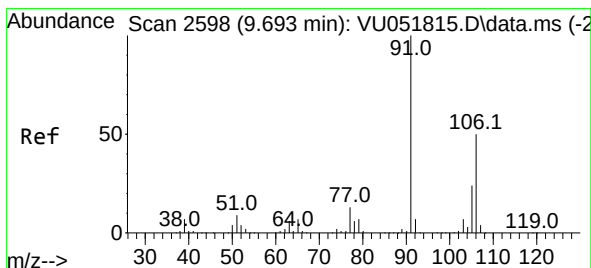
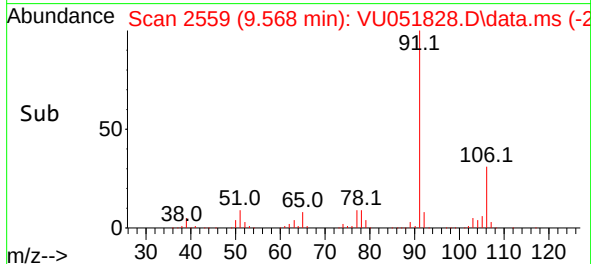
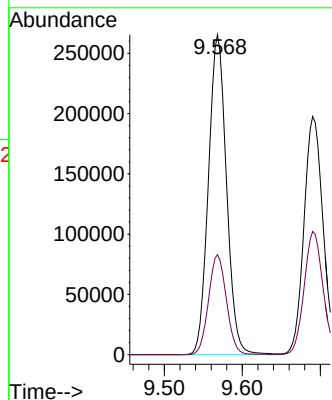
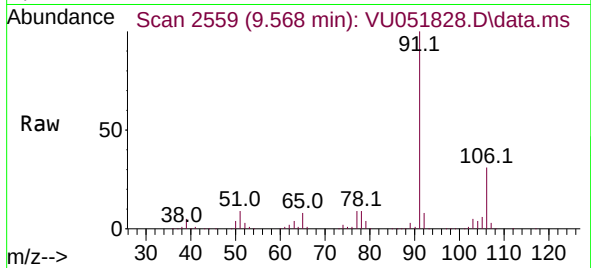




#52
Ethylbenzene
Concen: 4.776 ug/L
RT: 9.568 min Scan# 2559
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

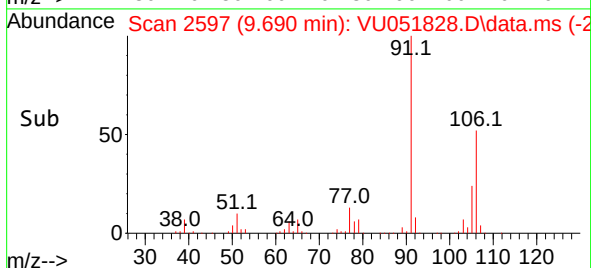
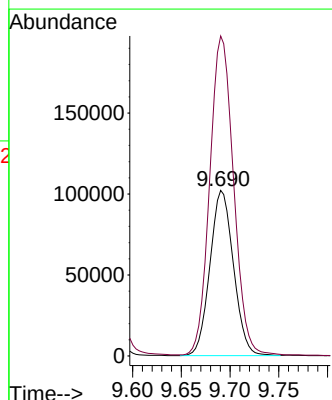
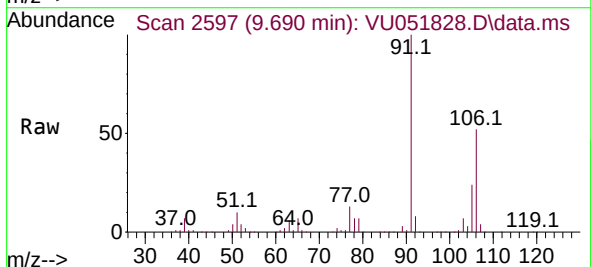
Instrument :
MSVOA_U
ClientSampleId :

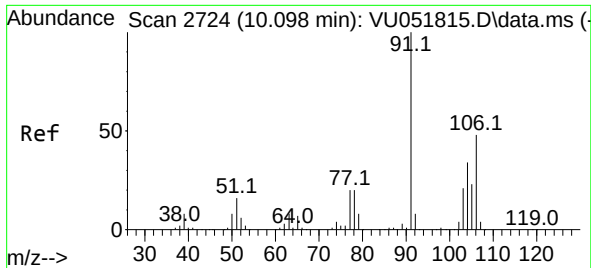
Tgt Ion: 91 Resp: 427704
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.6



#53
m,p-Xylene
Concen: 4.931 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Tgt Ion: 106 Resp: 171545
Ion Ratio Lower Upper
106 100
91 193.3 139.4 259.0

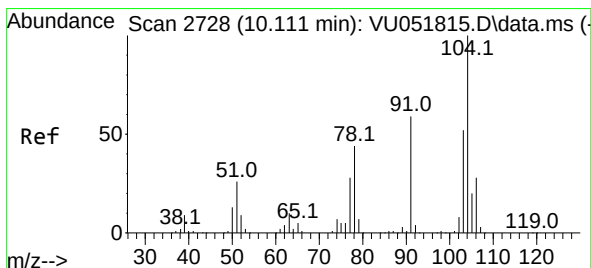
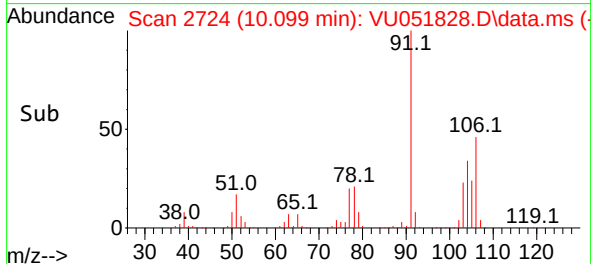
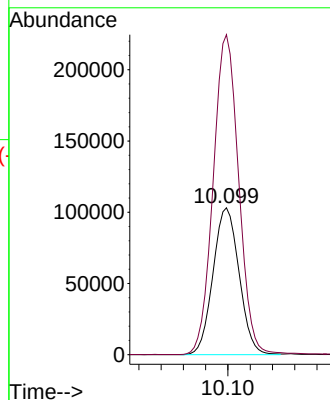
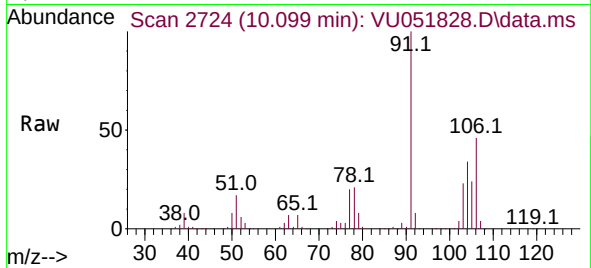




#54
o-Xylene
Concen: 4.934 ug/L
RT: 10.099 min Scan# 2724
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

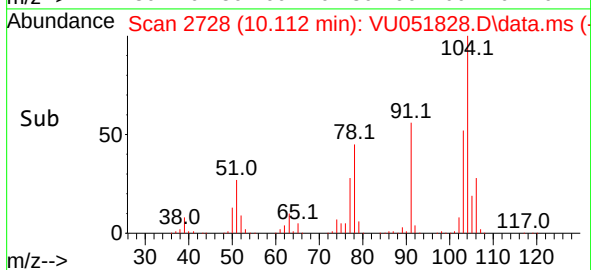
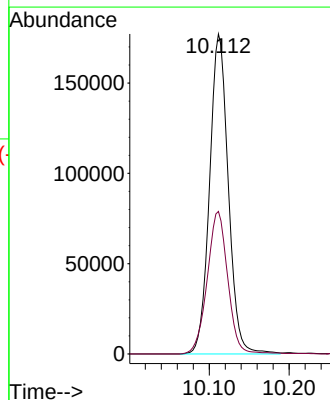
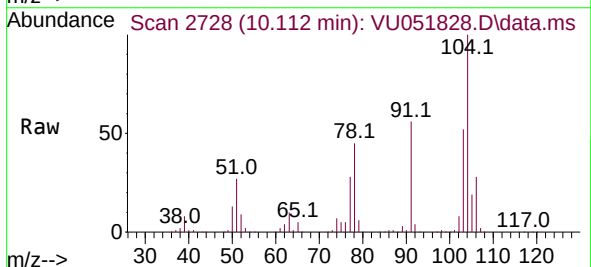
Instrument :
MSVOA_U
ClientSampleId :

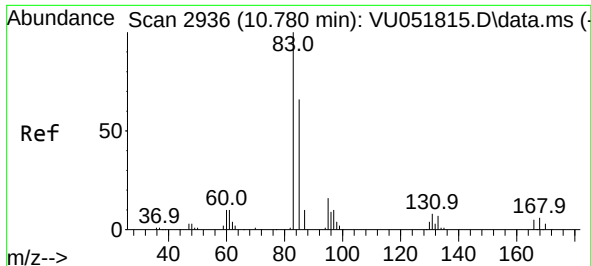
Tgt Ion:106 Resp: 167730
Ion Ratio Lower Upper
106 100
91 217.9 149.2 277.2



#55
Styrene
Concen: 5.073 ug/L
RT: 10.112 min Scan# 2728
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Tgt Ion:104 Resp: 288323
Ion Ratio Lower Upper
104 100
78 44.6 31.8 59.0





#57

1,1,2,2-Tetrachloroethane

Concen: 5.629 ug/L

RT: 10.780 min Scan# 2936

Delta R.T. 0.000 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

Instrument :

MSVOA_U

ClientSampleId :

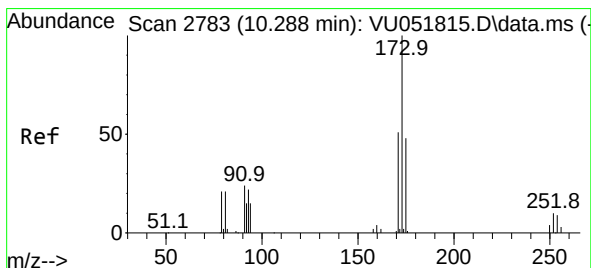
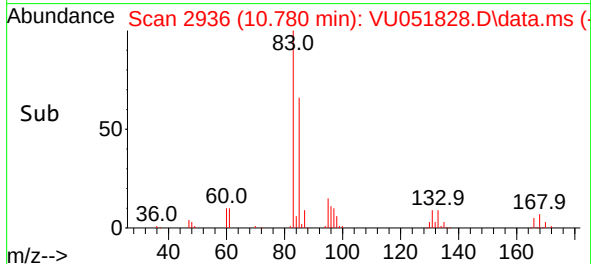
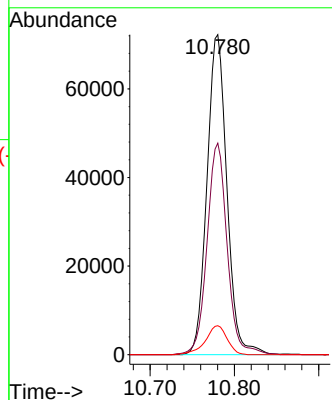
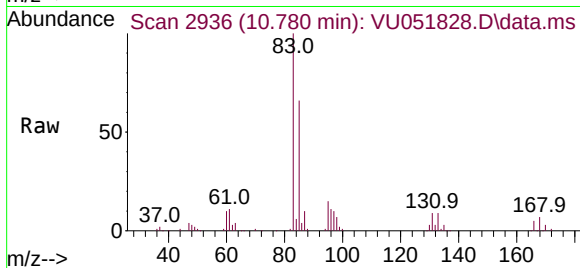
Tgt Ion: 83 Resp: 118887

Ion Ratio Lower Upper

83 100

85 66.1 44.9 83.5

131 9.1 7.8 11.8



#59

Bromoform

Concen: 5.568 ug/L

RT: 10.288 min Scan# 2783

Delta R.T. 0.000 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

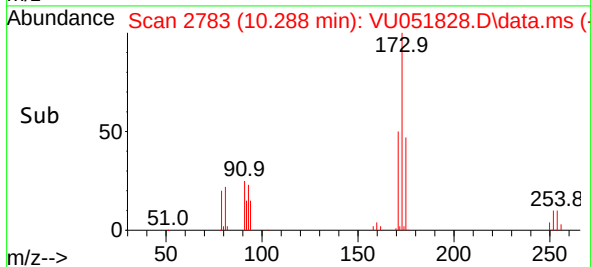
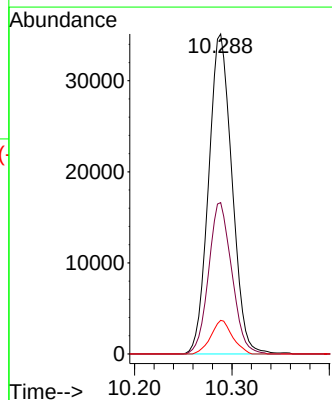
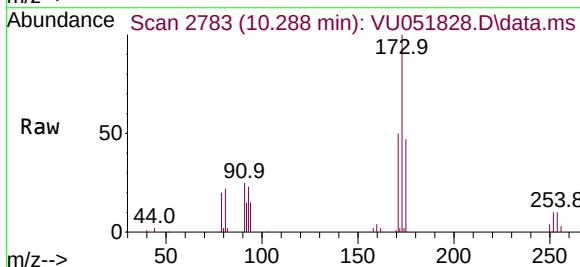
Tgt Ion:173 Resp: 58522

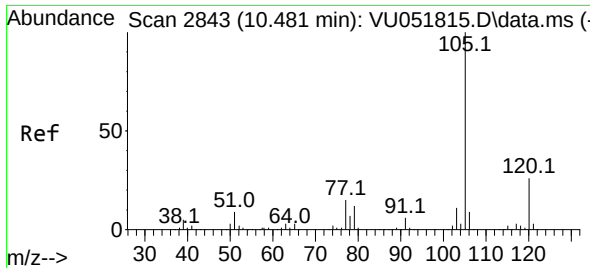
Ion Ratio Lower Upper

173 100

175 46.9 38.7 58.1

254 9.7 7.3 10.9

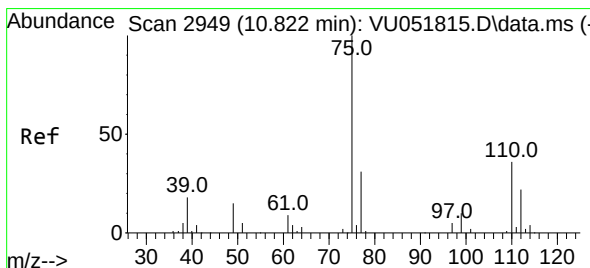
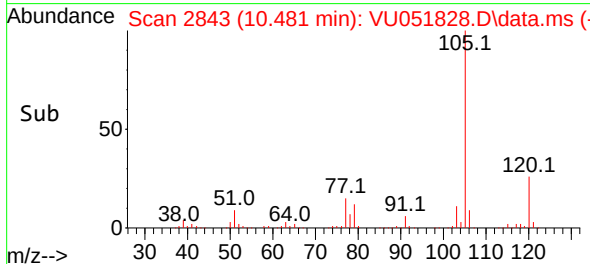
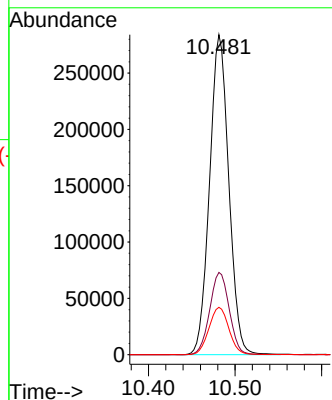
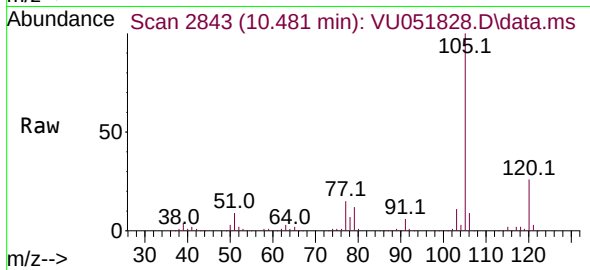




#60
Isopropylbenzene
Concen: 5.274 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

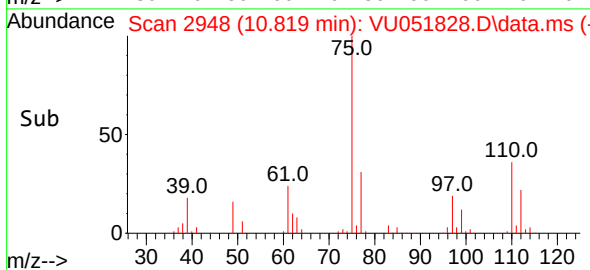
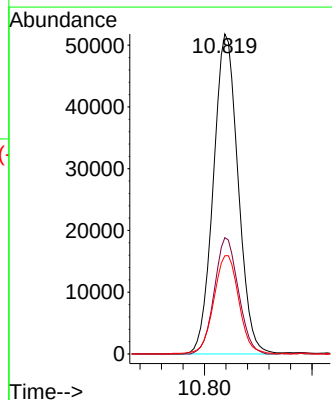
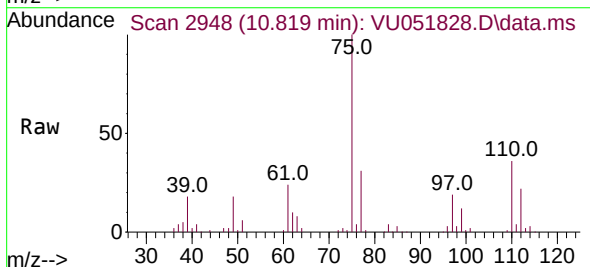
Instrument :
MSVOA_U
ClientSampleId :

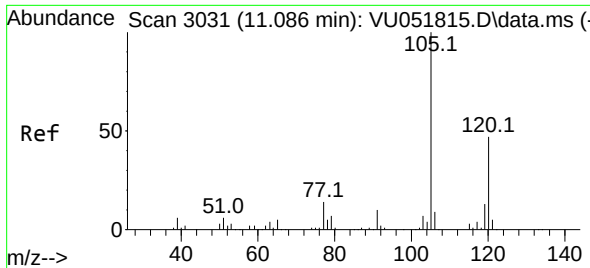
Tgt Ion:105 Resp: 438007
Ion Ratio Lower Upper
105 100
120 26.1 20.9 31.3
77 15.4 12.3 18.5



#61
1,2,3-Trichloropropane
Concen: 5.619 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.003 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Tgt Ion: 75 Resp: 82650
Ion Ratio Lower Upper
75 100
110 35.2 28.7 43.1
77 31.3 26.1 39.1

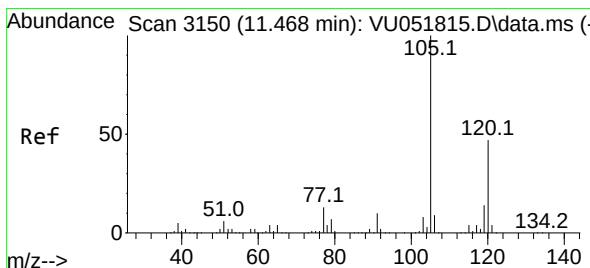
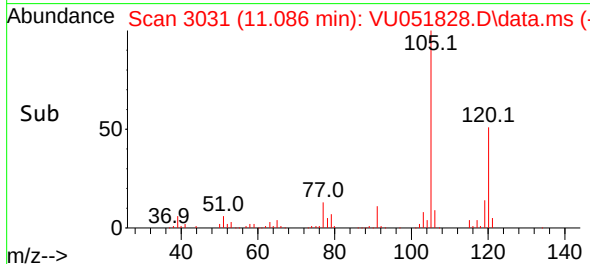
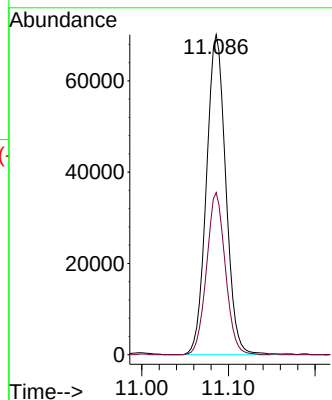
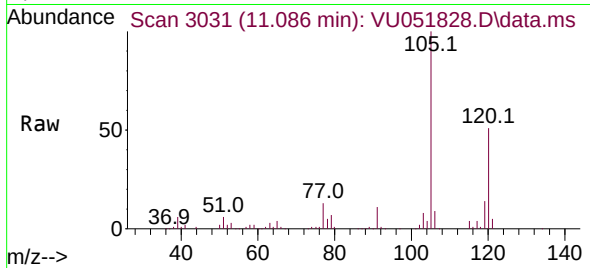




#62
 1,3,5-Trimethylbenzene
 Concen: 4.870 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU051828.D
 Acq: 11 Nov 2022 20:37

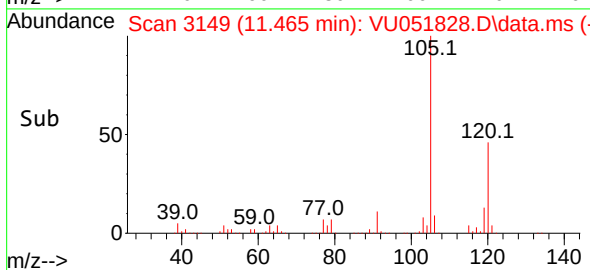
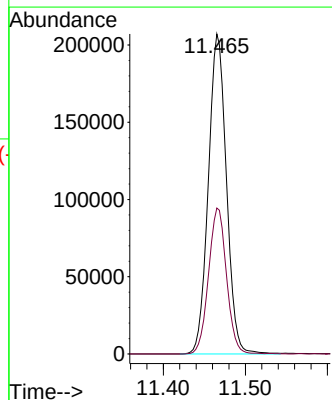
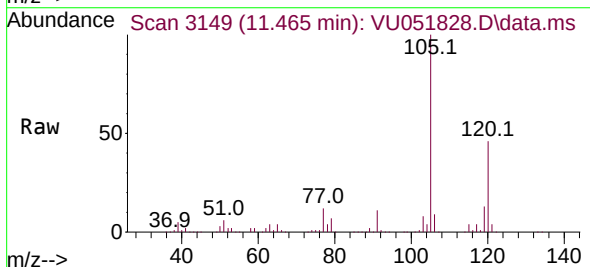
Instrument :
 MSVOA_U
 ClientSampleId :

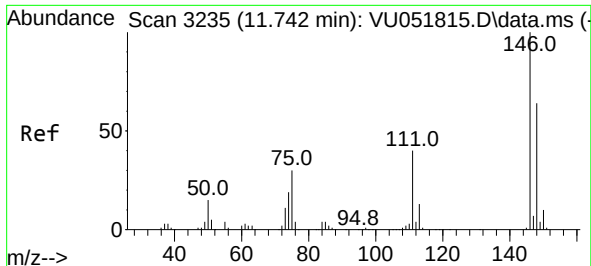
Tgt Ion:105 Resp: 108877
 Ion Ratio Lower Upper
 105 100
 120 49.1 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 4.938 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU051828.D
 Acq: 11 Nov 2022 20:37

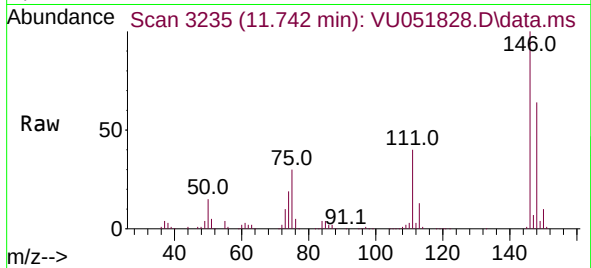
Tgt Ion:105 Resp: 318291
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.8 53.6



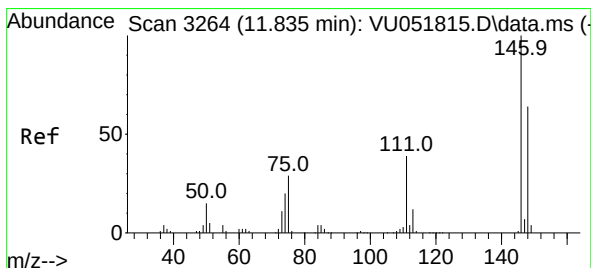
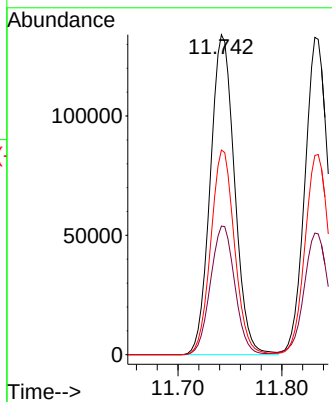
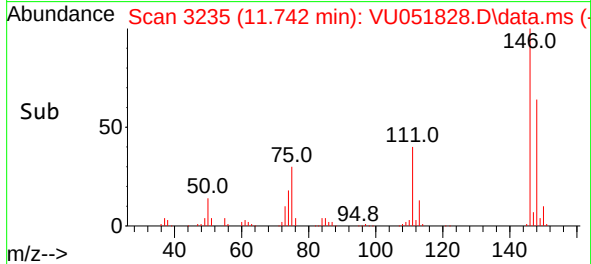


#64
1,3-Dichlorobenzene
Concen: 5.260 ug/L
RT: 11.742 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

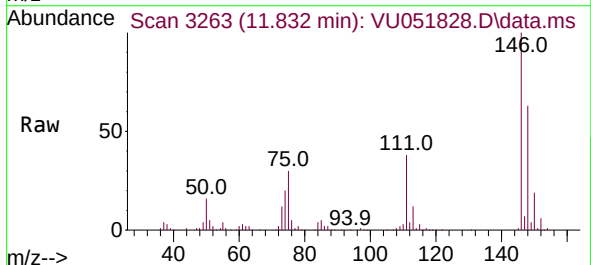
Instrument :
MSVOA_U
ClientSampleId :



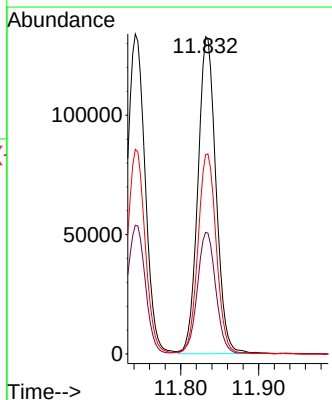
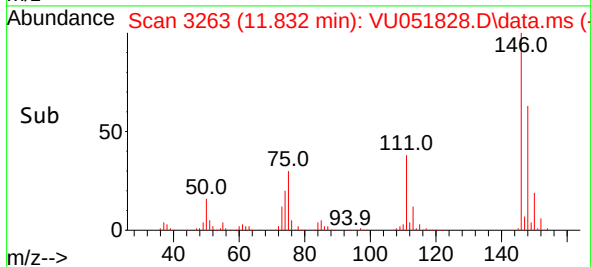
Tgt Ion:146 Resp: 217482
Ion Ratio Lower Upper
146 100
111 40.2 28.6 53.2
148 63.9 44.7 82.9

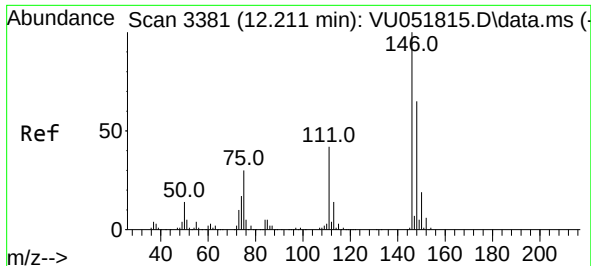


#65
1,4-Dichlorobenzene
Concen: 5.159 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.003 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37



Tgt Ion:146 Resp: 213860
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.5
148 62.8 43.5 80.9





#67

1,2-Dichlorobenzene

Concen: 5.218 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

Instrument :

MSVOA_U

ClientSampleId :

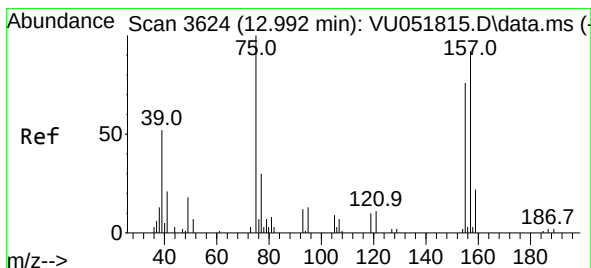
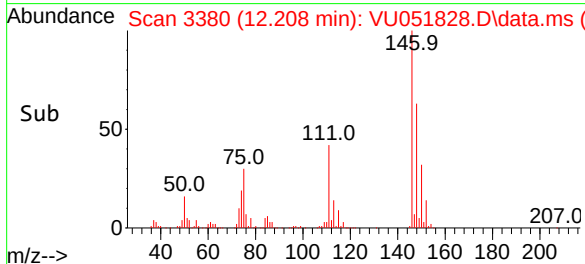
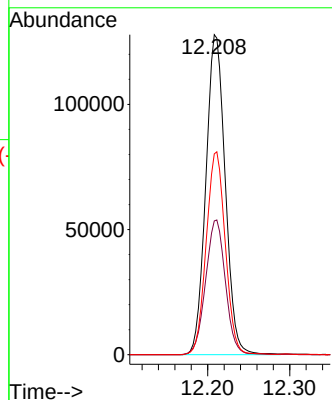
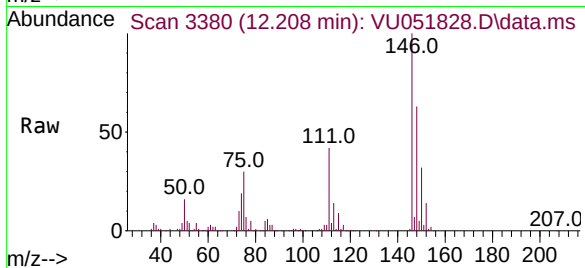
Tgt Ion:146 Resp: 210121

Ion Ratio Lower Upper

146 100

111 41.8 34.2 51.2

148 62.8 50.1 75.1



#68

1,2-Dibromo-3-chloropropane

Concen: 5.485 ug/L

RT: 12.992 min Scan# 3624

Delta R.T. 0.000 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

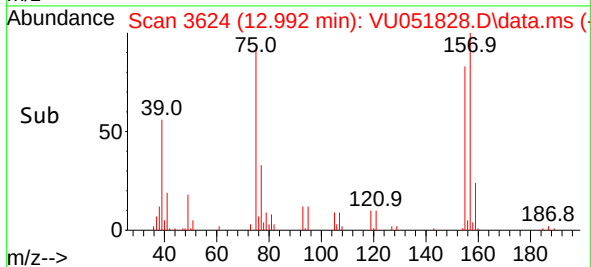
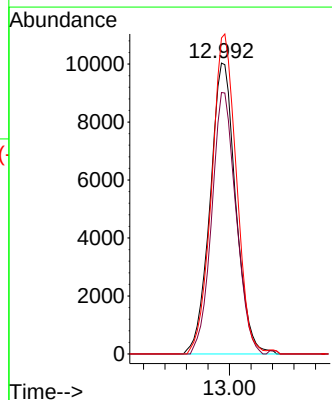
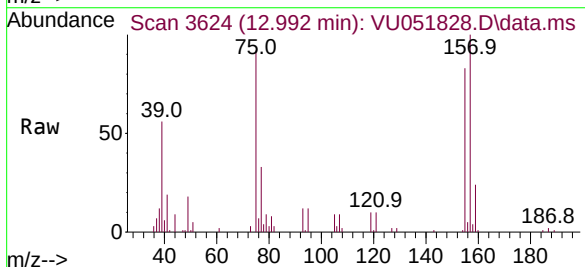
Tgt Ion: 75 Resp: 16613

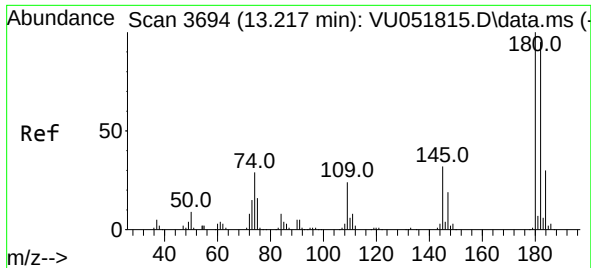
Ion Ratio Lower Upper

75 100

155 89.9 61.4 92.2

157 108.7 86.7 130.1





#69

1,3,5-Trichlorobenzene

Concen: 4.980 ug/L

RT: 13.218 min Scan# 30

Delta R.T. 0.000 min

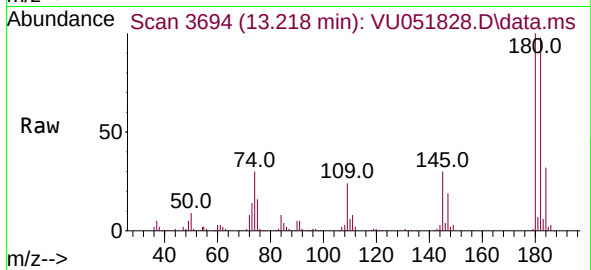
Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 146759

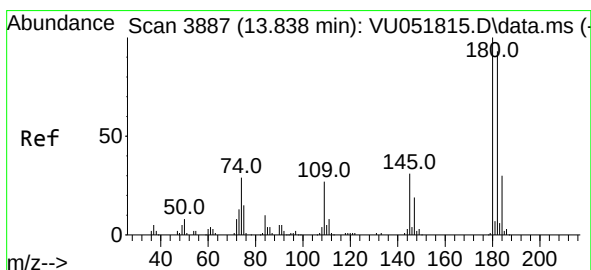
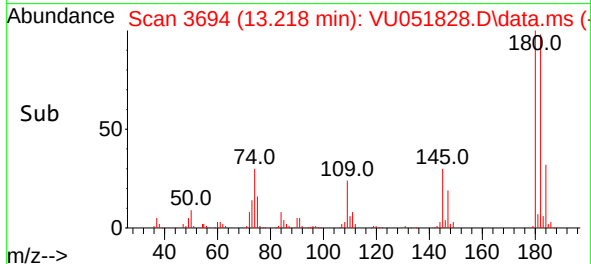
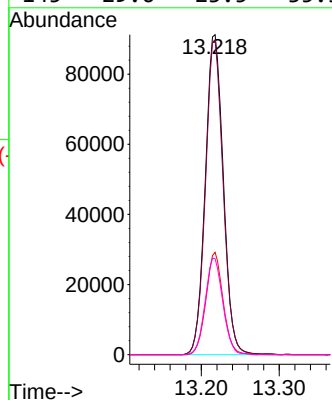
Ion Ratio Lower Upper

180 100

182 96.3 77.0 115.6

184 30.3 23.7 35.5

145 29.6 23.5 35.3



#70

1,2,4-trichlorobenzene

Concen: 5.132 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.000 min

Lab File: VU051828.D

Acq: 11 Nov 2022 20:37

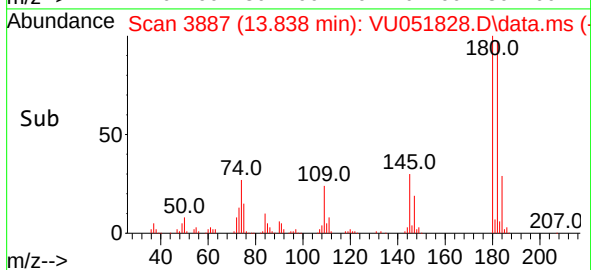
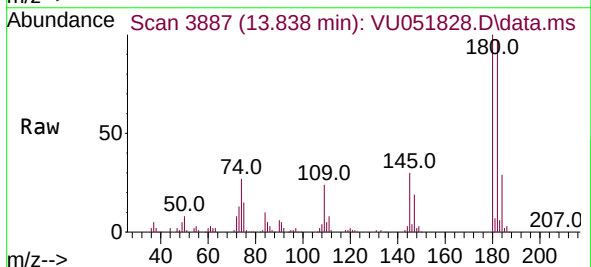
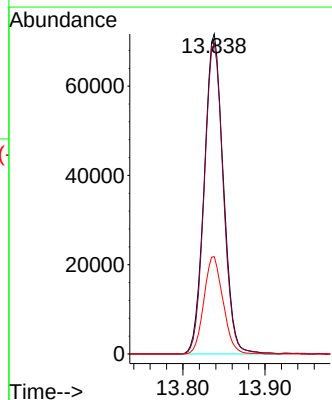
Tgt Ion:180 Resp: 116103

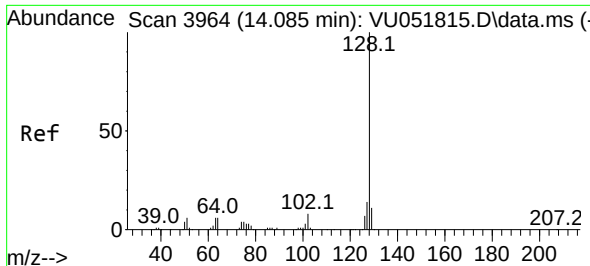
Ion Ratio Lower Upper

180 100

182 96.3 77.8 116.6

145 30.4 25.0 37.6

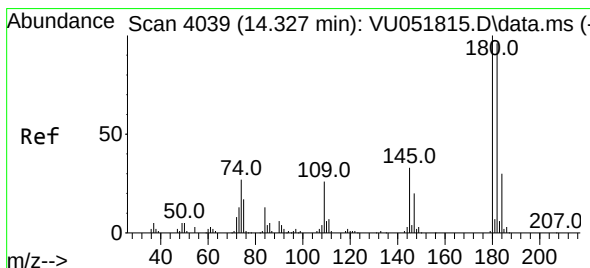
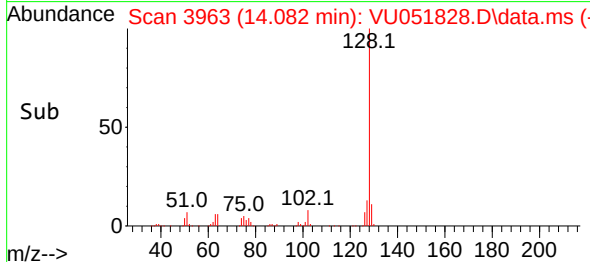
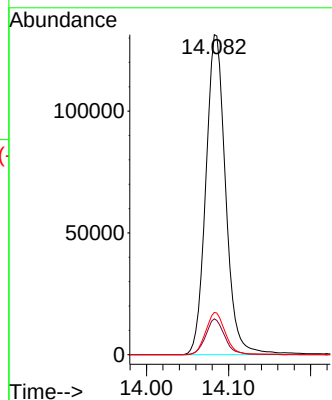
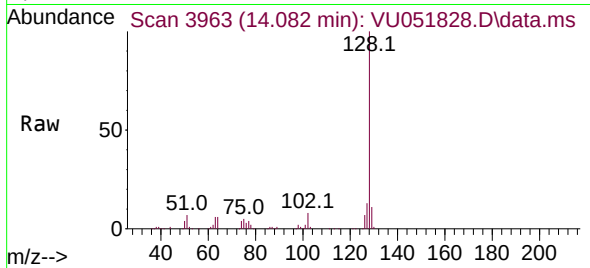




#71
Naphthalene
Concen: 5.211 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.003 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 220066
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.1 10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 5.242 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.000 min
Lab File: VU051828.D
Acq: 11 Nov 2022 20:37

Tgt Ion:180 Resp: 119762
Ion Ratio Lower Upper
180 100
182 96.5 76.1 114.1
145 32.4 25.6 38.4

