

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011723\
 Data File : VU052713.D
 Acq On : 17 Jan 2023 11:25
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:12:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	133921	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	130216	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	71451	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	53804	4.573	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.400%
7) Chloroethane-d5	1.916	69	46794	4.882	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.600%
11) 1,1-Dichloroethene-d2	2.565	65	26258	5.068	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.400%
20) 2-Butanone-d5	4.636	46	147591	46.916	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.840%
24) Chloroform-d	5.060	84	115946	5.283	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.600%
26) 1,2-Dichloroethane-d4	5.697	65	58119	5.157	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.200%
32) Benzene-d6	5.726	84	229063	5.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.600%
36) 1,2-Dichloropropane-d6	6.687	67	69590	4.948	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.896	98	210138	5.647	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.000%
43) trans-1,3-Dichloroprop...	8.176	79	27186	5.198	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.000%
46) 2-Hexanone-d5	8.632	63	109630	50.458	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.920%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	53931	5.008	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	72126	5.545	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	70531	4.902	ug/L	100
3) Chloromethane	1.520	50	64368	3.684	ug/L	98
5) Vinyl chloride	1.604	62	68040	4.070	ug/L	97
6) Bromomethane	1.858	94	32168	3.707	ug/L	93
8) Chloroethane	1.935	64	44091	4.338	ug/L	99
9) Trichlorofluoromethane	2.137	101	99100	5.029	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	58220	5.022	ug/L	95
12) 1,1-Dichloroethene	2.578	96	56124	4.834	ug/L	92
13) Acetone	2.655	43	109631	48.592	ug/L	98
14) Carbon disulfide	2.793	76	187819	4.681	ug/L	98
15) Methyl Acetate	2.957	43	25648	4.742	ug/L	95
16) Methylene chloride	3.044	84	66536	4.306	ug/L	91
17) Methyl tert-butyl Ether	3.359	73	134847	5.248	ug/L	97
18) trans-1,2-Dichloroethene	3.350	96	60545	5.113	ug/L	94
19) 1,1-Dichloroethane	3.867	63	115729	4.707	ug/L	99
21) 2-Butanone	4.713	43	178717	49.207	ug/L	95
22) cis-1,2-Dichloroethene	4.661	96	64971	5.109	ug/L	97
23) Bromochloromethane	4.970	128	30750	5.712	ug/L	# 76
25) Chloroform	5.083	83	122290	5.059	ug/L	98

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 Data File : VU052713.D
 Acq On : 17 Jan 2023 11:25
 Operator : JC/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 18 01:12:22 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jan 11 00:53:59 2023
 Response via : Initial Calibration

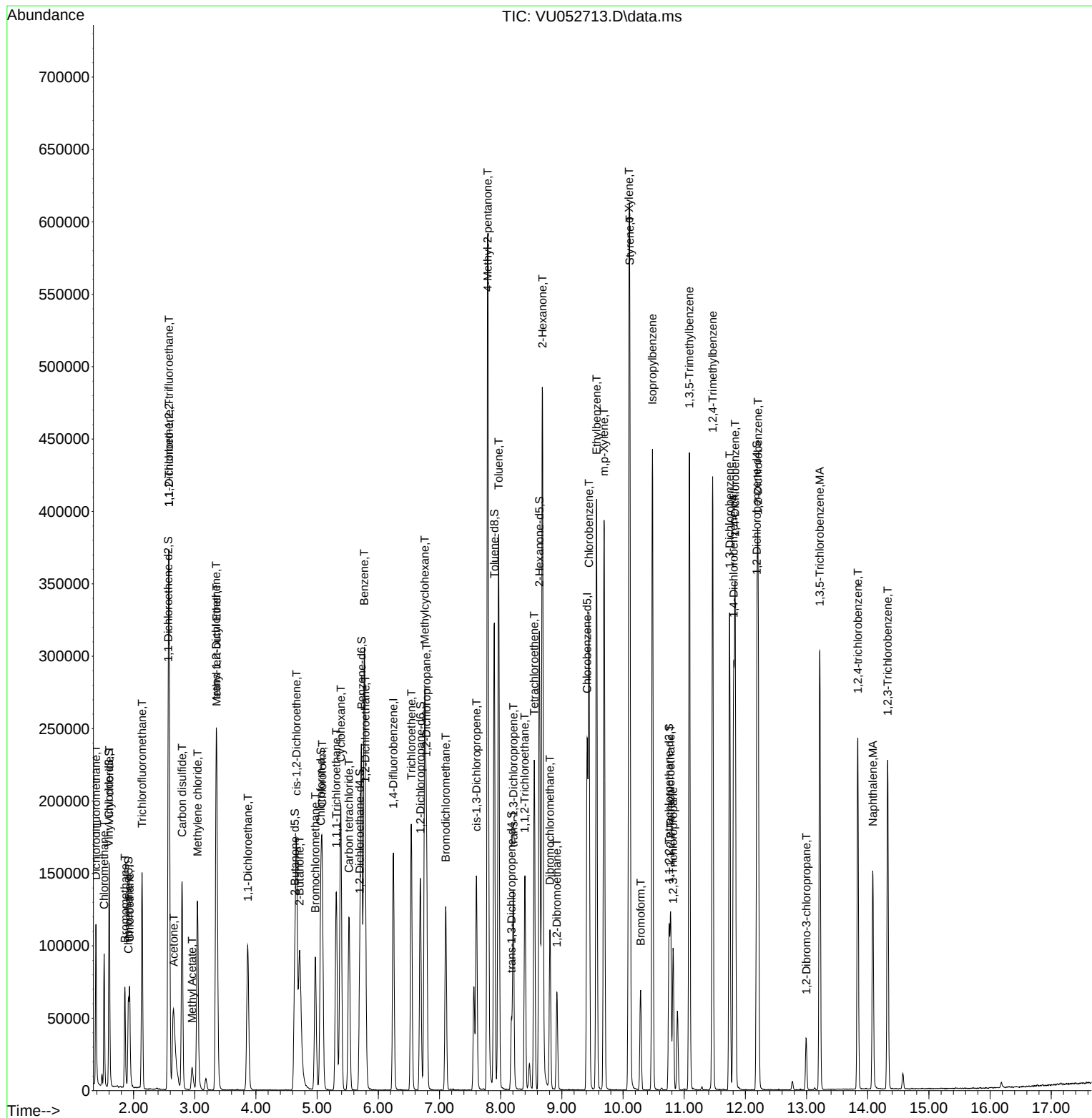
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	73834	5.040	ug/L	98
29) 1,1,1-Trichloroethane	5.314	97	99621	4.876	ug/L	98
30) Cyclohexane	5.388	56	96408	4.690	ug/L	94
31) Carbon tetrachloride	5.520	117	84004	5.248	ug/L	99
33) Benzene	5.771	78	266637	5.174	ug/L	100
34) Trichloroethene	6.539	95	63537	5.212	ug/L	96
35) Methylcyclohexane	6.761	83	100121	4.973	ug/L	96
37) 1,2-Dichloropropane	6.787	63	67777	4.900	ug/L	98
38) Bromodichloromethane	7.102	83	85341	5.240	ug/L	96
39) cis-1,3-Dichloropropene	7.603	75	90644	5.163	ug/L	97
40) 4-Methyl-2-pentanone	7.790	43	390965	49.422	ug/L	96
42) Toluene	7.967	91	274716	5.351	ug/L	98
44) trans-1,3-Dichloropropene	8.208	75	77779	5.132	ug/L	100
45) 1,1,2-Trichloroethane	8.394	97	45986	5.286	ug/L	93
47) Tetrachloroethene	8.549	164	50555	5.628	ug/L	98
48) 2-Hexanone	8.684	43	307392	53.071	ug/L	97
49) Dibromochloromethane	8.806	129	55670	5.535	ug/L	98
50) 1,2-Dibromoethane	8.919	107	43271	5.410	ug/L #	100
51) Chlorobenzene	9.443	112	172260	5.386	ug/L	96
52) Ethylbenzene	9.568	91	282505	5.402	ug/L	99
53) m,p-Xylene	9.690	106	114381	5.774	ug/L	95
54) o-Xylene	10.099	106	108307	5.718	ug/L	98
55) Styrene	10.111	104	188135	5.823	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.777	83	58113	5.113	ug/L	99
59) Bromoform	10.288	173	31321	5.637	ug/L	100
60) Isopropylbenzene	10.481	105	278824	5.505	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	39922	4.807	ug/L	91
62) 1,3,5-Trimethylbenzene	11.086	105	228649	5.661	ug/L	99
63) 1,2,4-Trimethylbenzene	11.465	105	228394	5.613	ug/L	98
64) 1,3-Dichlorobenzene	11.742	146	133602	5.546	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	133824	5.445	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	124209	5.479	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.996	75	9620	5.023	ug/L #	81
69) 1,3,5-Trichlorobenzene	13.217	180	95736	5.350	ug/L	99
70) 1,2,4-trichlorobenzene	13.838	180	74508	5.191	ug/L	97
71) Naphthalene	14.082	128	120507	4.837	ug/L	99
72) 1,2,3-Trichlorobenzene	14.327	180	69235	5.266	ug/L	98

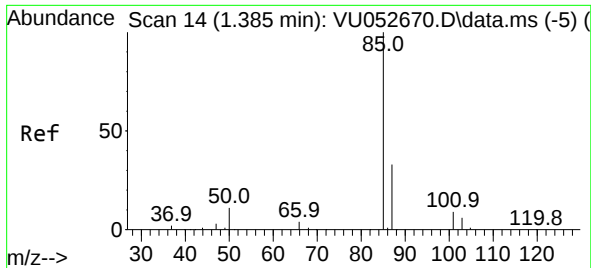
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Data File : VU052713.D
Acq On : 17 Jan 2023 11:25
Operator : JC/MD
Sample : VSTDCCC005
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Jan 18 01:12:22 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011023WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jan 11 00:53:59 2023
Response via : Initial Calibration

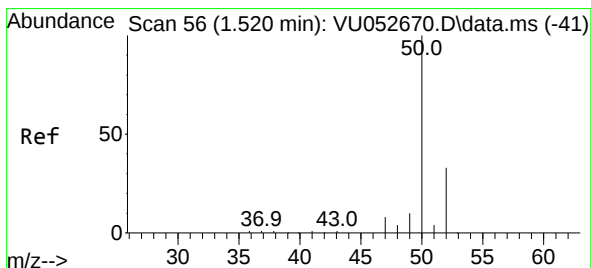
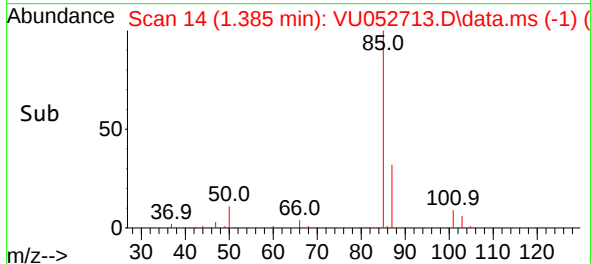
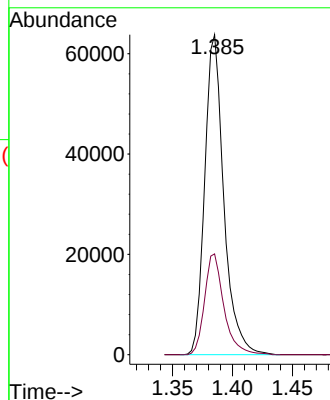
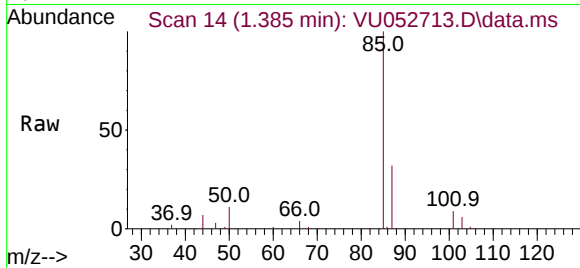




#2
Dichlorodifluoromethane
Concen: 4.902 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

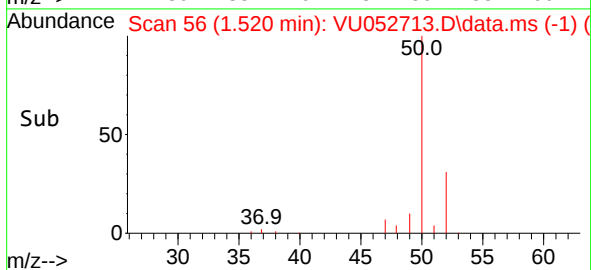
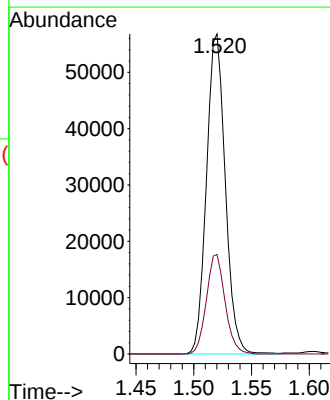
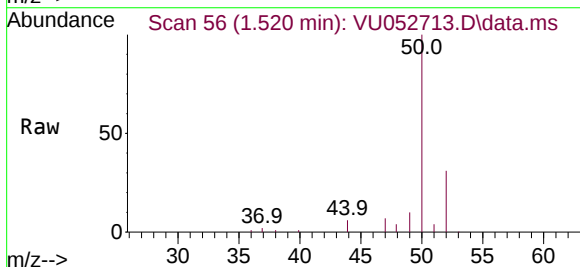
Instrument :
MSVOA_U
ClientSampleId :

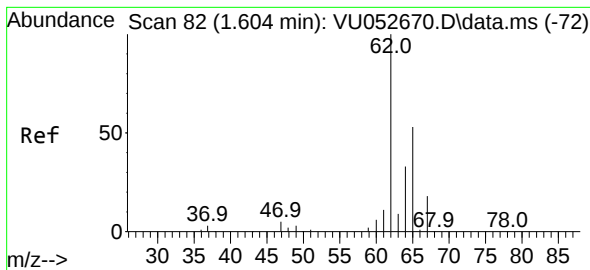
Tgt Ion: 85 Resp: 70531
Ion Ratio Lower Upper
85 100
87 32.0 25.5 38.3



#3
Chloromethane
Concen: 3.684 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion: 50 Resp: 64368
Ion Ratio Lower Upper
50 100
52 31.1 22.7 42.3





#5

Vinyl chloride

Concen: 4.070 ug/L

RT: 1.604 min Scan# 82

Delta R.T. -0.000 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

Instrument :

MSVOA_U

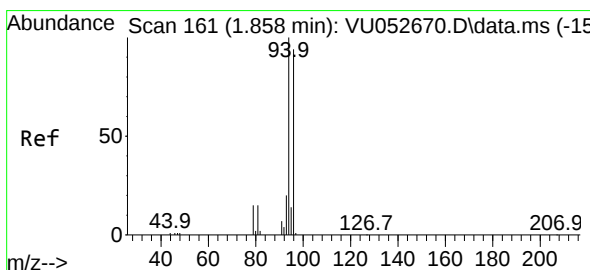
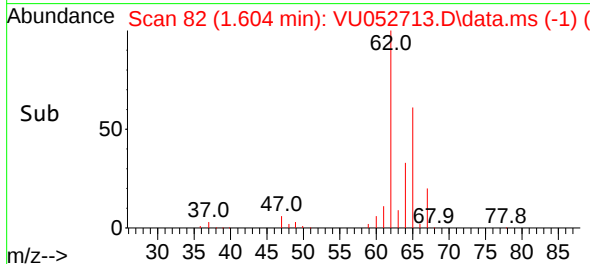
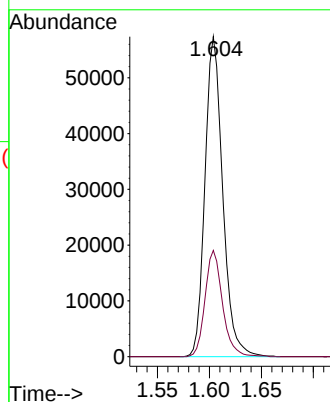
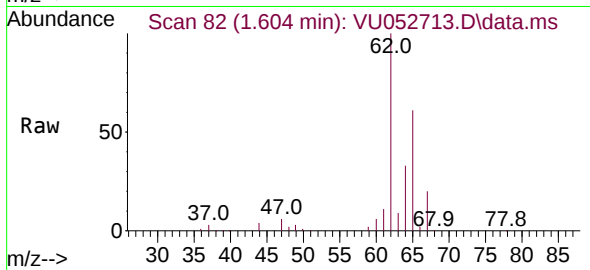
ClientSampleId :

Tgt Ion: 62 Resp: 68040

Ion Ratio Lower Upper

62 100

64 33.2 22.3 41.3



#6

Bromomethane

Concen: 3.707 ug/L

RT: 1.858 min Scan# 161

Delta R.T. -0.000 min

Lab File: VU052713.D

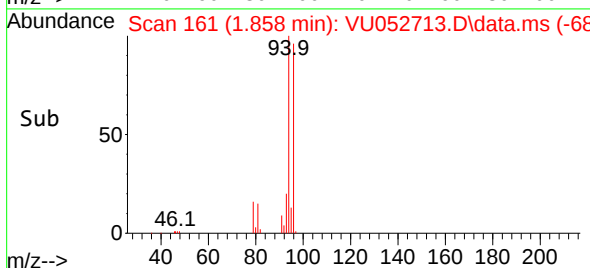
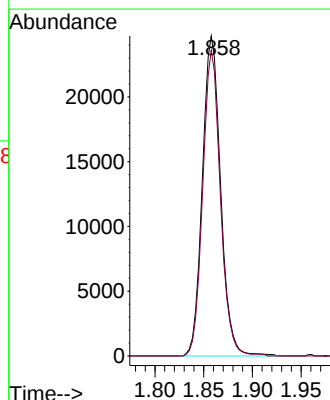
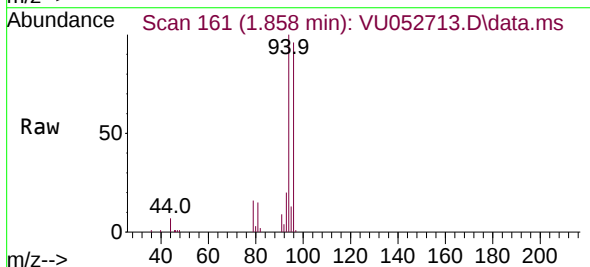
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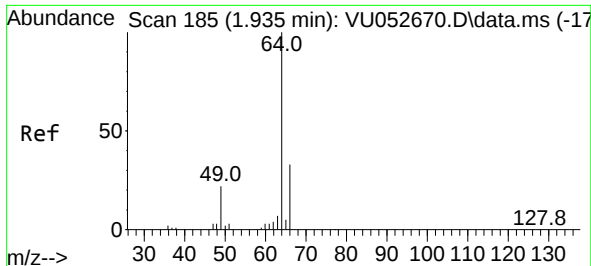
Tgt Ion: 94 Resp: 32168

Ion Ratio Lower Upper

94 100

96 95.6 62.2 115.6

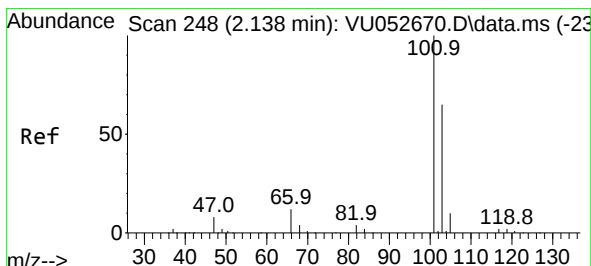
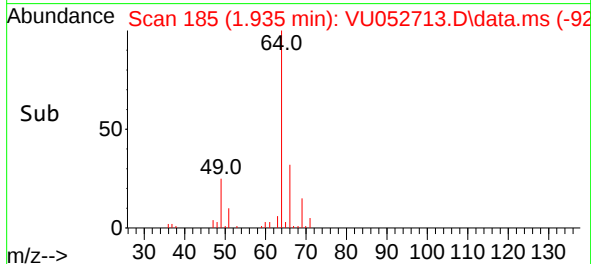
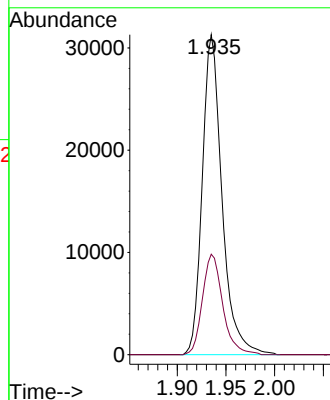
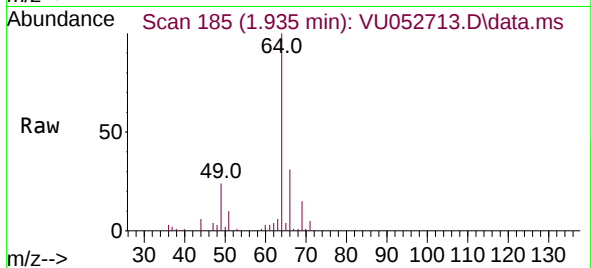




#8
Chloroethane
Concen: 4.338 ug/L
RT: 1.935 min Scan# 185
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

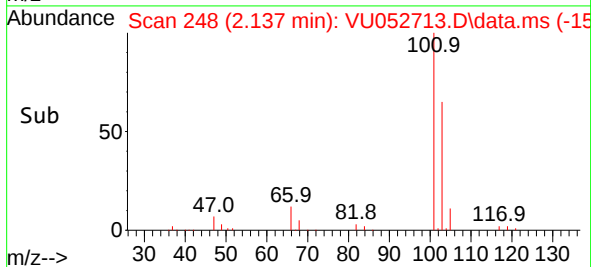
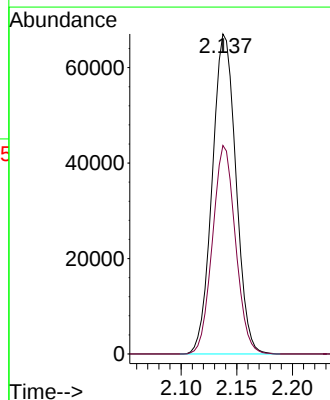
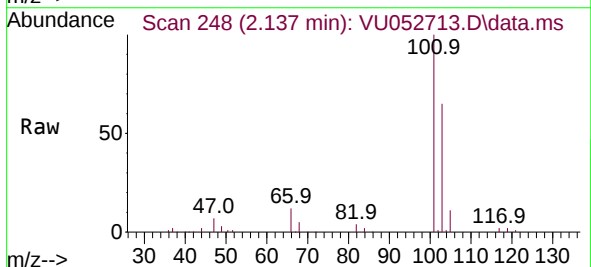
Instrument :
MSVOA_U
ClientSampleId :

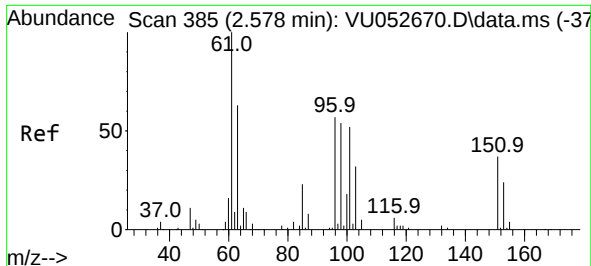
Tgt Ion: 64 Resp: 44091
Ion Ratio Lower Upper
64 100
66 31.4 21.6 40.2



#9
Trichlorofluoromethane
Concen: 5.029 ug/L
RT: 2.137 min Scan# 248
Delta R.T. -0.003 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion:101 Resp: 99100
Ion Ratio Lower Upper
101 100
103 63.3 51.0 76.6

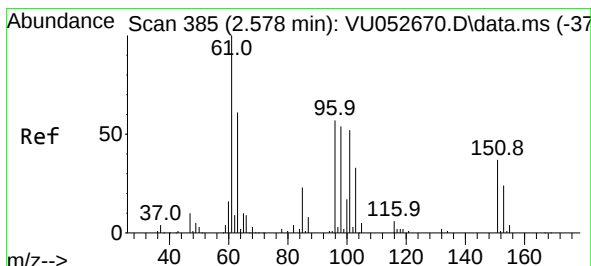
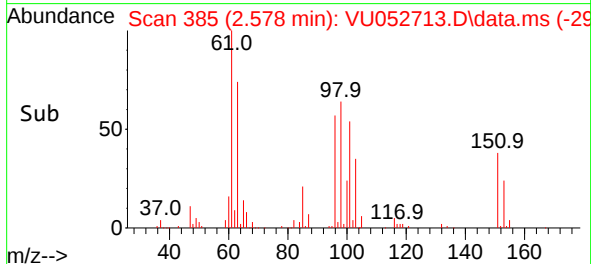
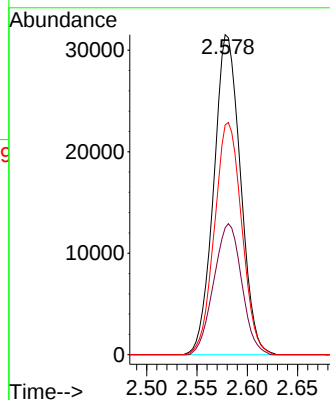
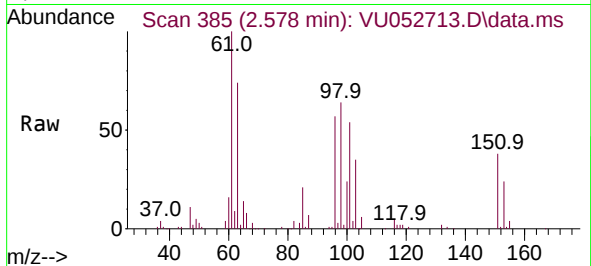




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 5.022 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU052713.D
 Acq: 17 Jan 2023 11:25

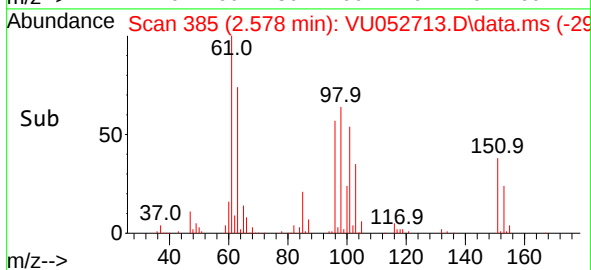
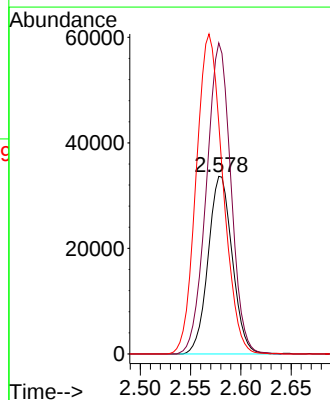
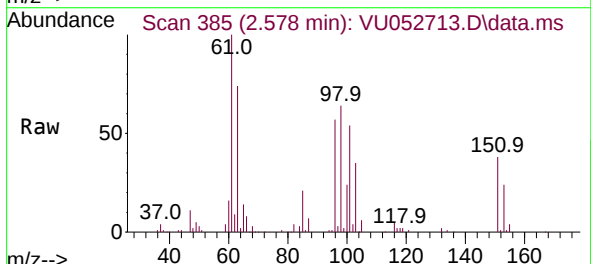
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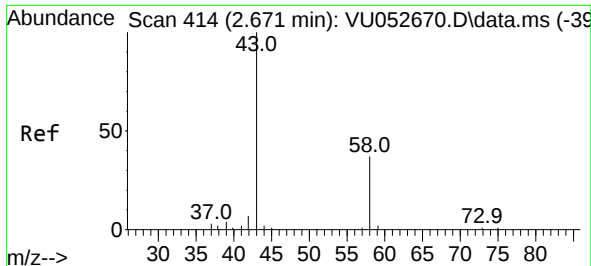
Tgt Ion:101 Resp: 58220
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.0 52.6
 151 74.2 55.0 82.6



#12
 1,1-Dichloroethene
 Concen: 4.834 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. -0.003 min
 Lab File: VU052713.D
 Acq: 17 Jan 2023 11:25

Tgt Ion: 96 Resp: 56124
 Ion Ratio Lower Upper
 96 100
 61 175.2 129.6 240.8
 63 130.1 83.7 155.5





#13

Acetone

Concen: 48.592 ug/L

RT: 2.655 min Scan# 409

Delta R.T. -0.006 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

Instrument :

MSVOA_U

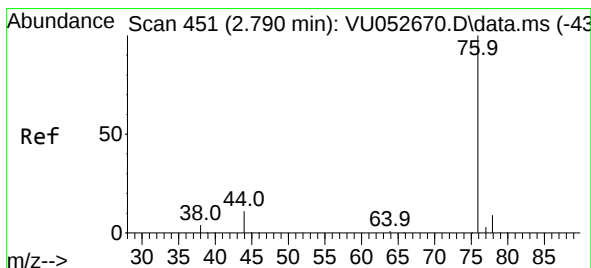
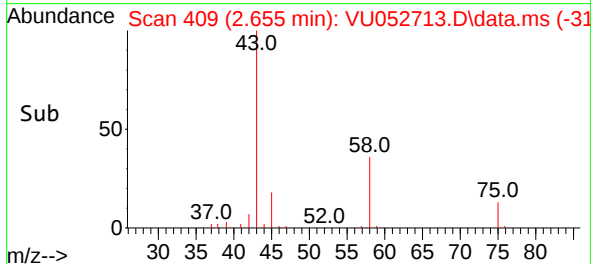
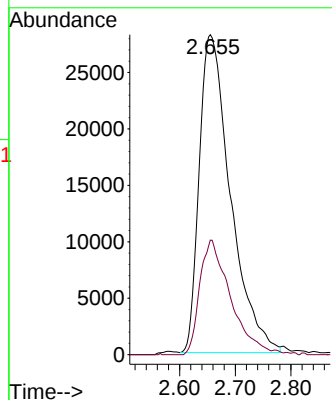
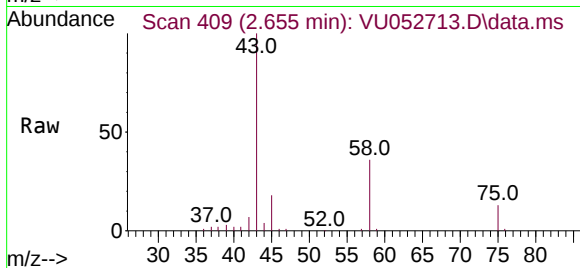
ClientSampleId :

Tgt Ion: 43 Resp: 109631

Ion Ratio Lower Upper

43 100

58 35.3 0.0 68.8



#14

Carbon disulfide

Concen: 4.681 ug/L

RT: 2.793 min Scan# 452

Delta R.T. -0.000 min

Lab File: VU052713.D

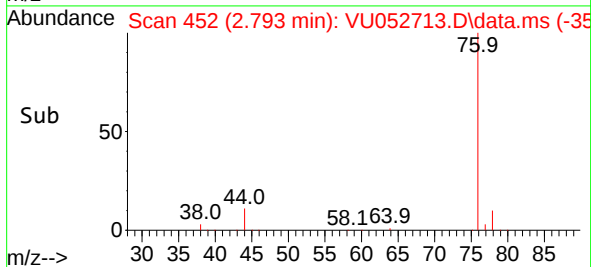
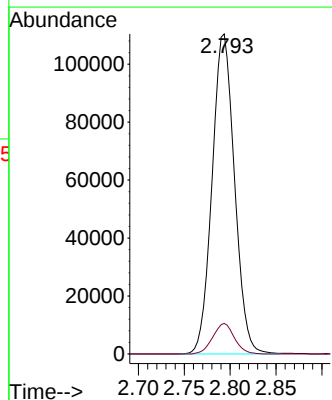
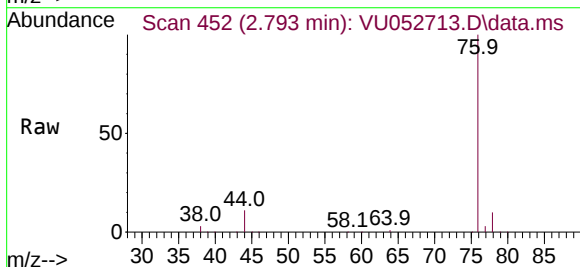
Acq: 17 Jan 2023 11:25

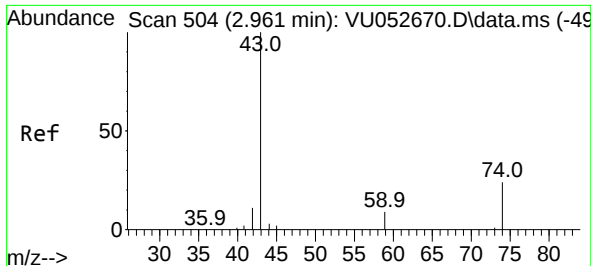
Tgt Ion: 76 Resp: 187819

Ion Ratio Lower Upper

76 100

78 9.6 7.0 10.6

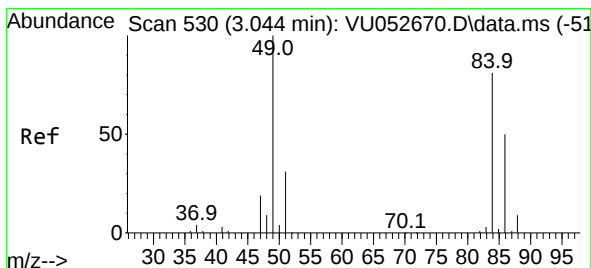
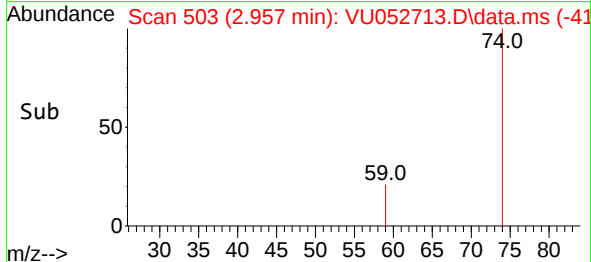
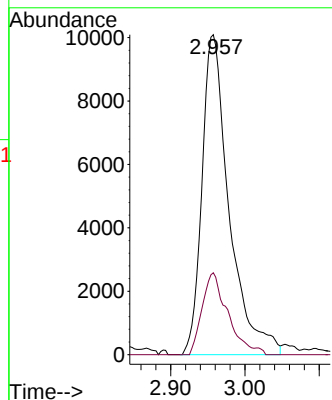
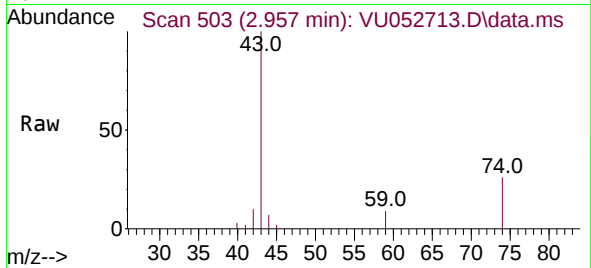




#15
Methyl Acetate
Concen: 4.742 ug/L
RT: 2.957 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

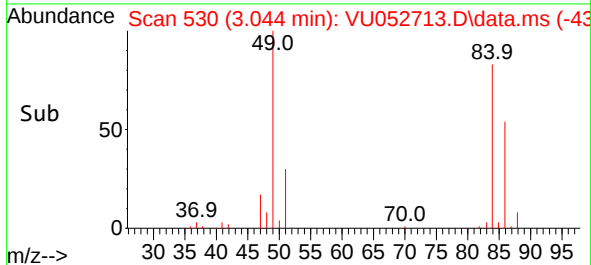
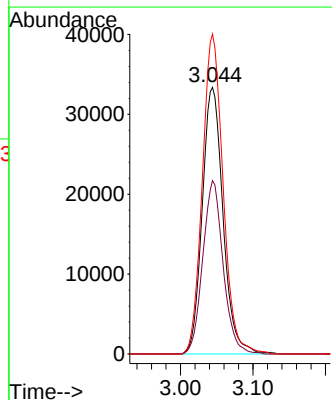
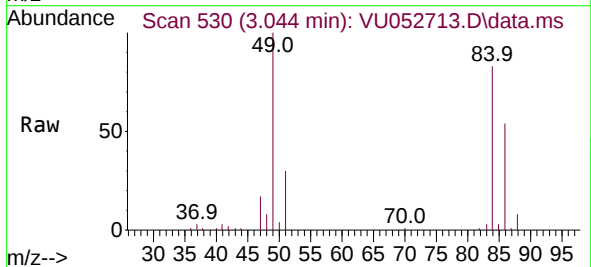
Instrument :
MSVOA_U
ClientSampleId :

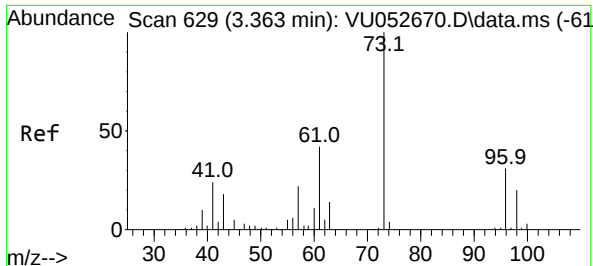
Tgt Ion: 43 Resp: 25648
Ion Ratio Lower Upper
43 100
74 24.3 17.5 26.3



#16
Methylene chloride
Concen: 4.306 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion: 84 Resp: 66536
Ion Ratio Lower Upper
84 100
86 65.0 45.6 84.6
49 120.0 94.8 176.0





#17

Methyl tert-butyl Ether

Concen: 5.248 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

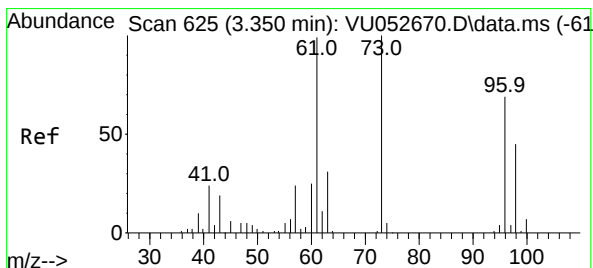
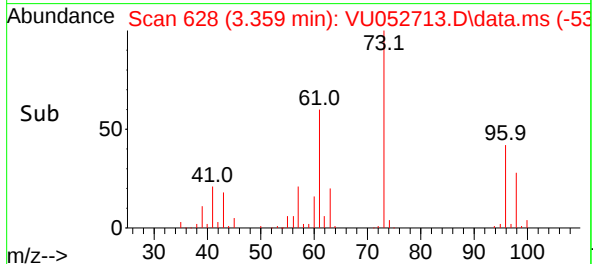
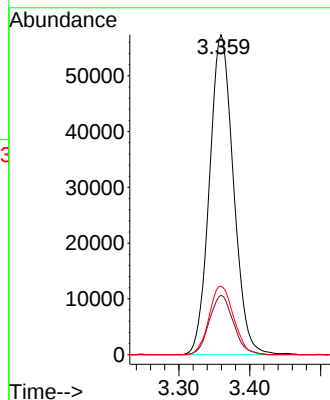
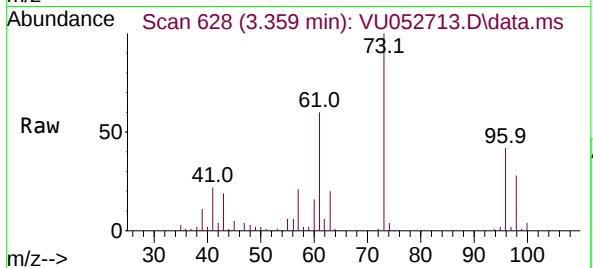
Tgt Ion: 73 Resp: 134847

Ion Ratio Lower Upper

73 100

43 18.6 15.8 23.8

57 22.0 18.6 28.0



#18

trans-1,2-Dichloroethene

Concen: 5.113 ug/L

RT: 3.350 min Scan# 625

Delta R.T. -0.003 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

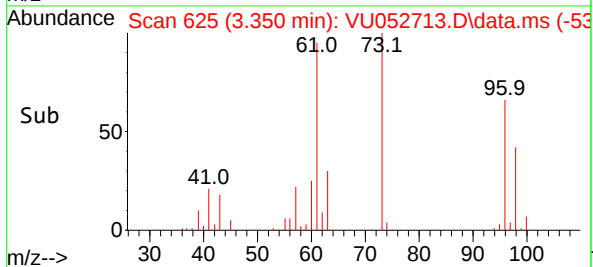
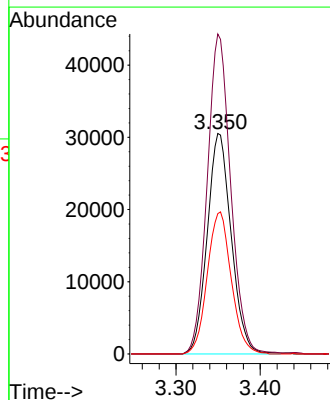
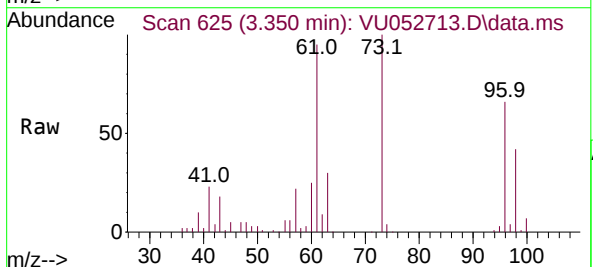
Tgt Ion: 96 Resp: 60545

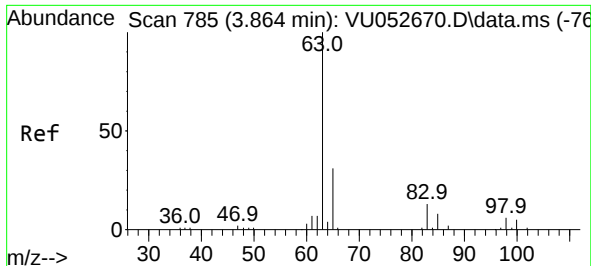
Ion Ratio Lower Upper

96 100

61 145.2 108.4 201.4

98 63.7 43.8 81.4





#19

1,1-Dichloroethane

Concen: 4.707 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.003 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

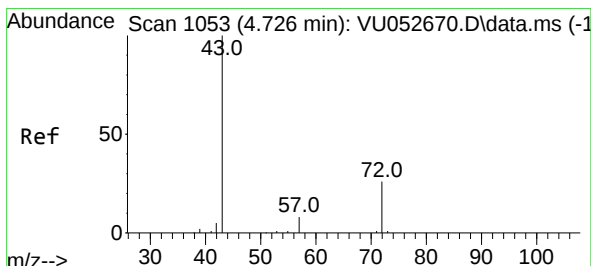
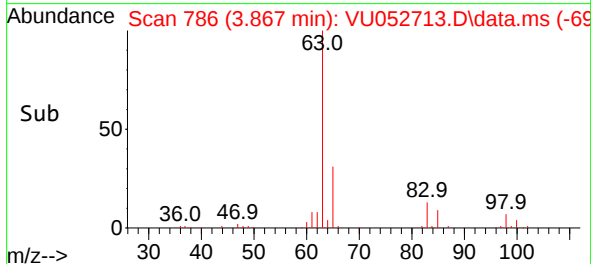
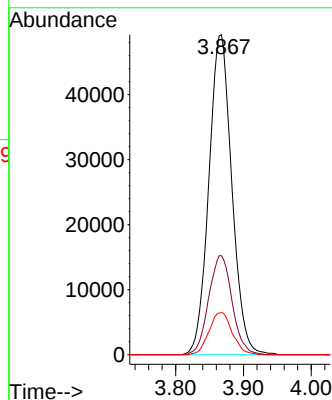
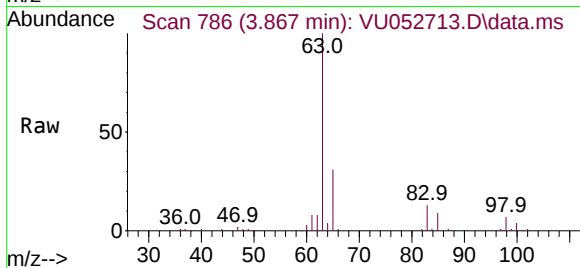
Tgt Ion: 63 Resp: 115729

Ion Ratio Lower Upper

63 100

65 30.9 22.0 41.0

83 13.2 8.9 16.5



#21

2-Butanone

Concen: 49.207 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.003 min

Lab File: VU052713.D

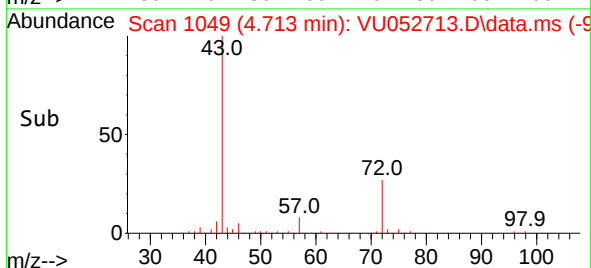
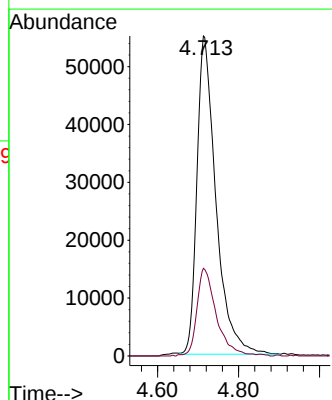
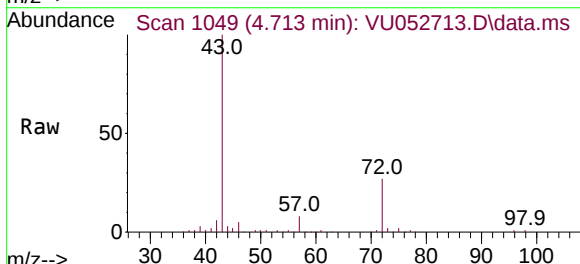
Acq: 17 Jan 2023 11:25

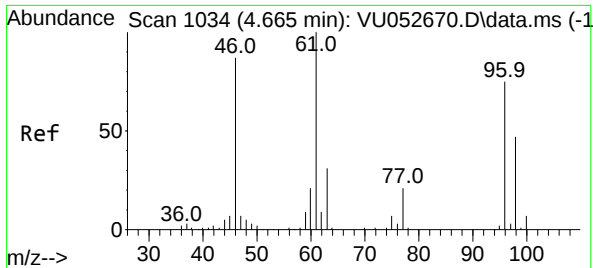
Tgt Ion: 43 Resp: 178717

Ion Ratio Lower Upper

43 100

72 28.1 12.9 38.6

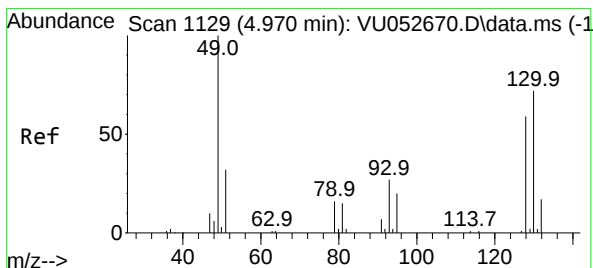
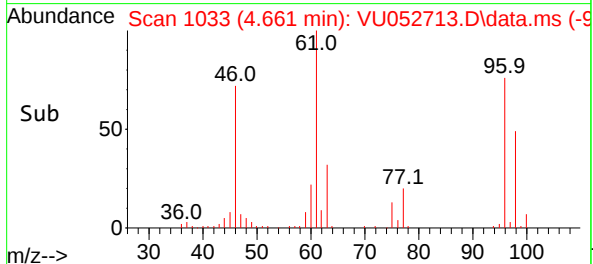
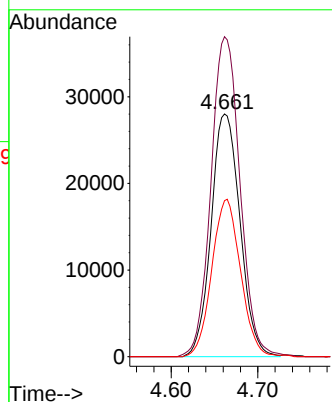
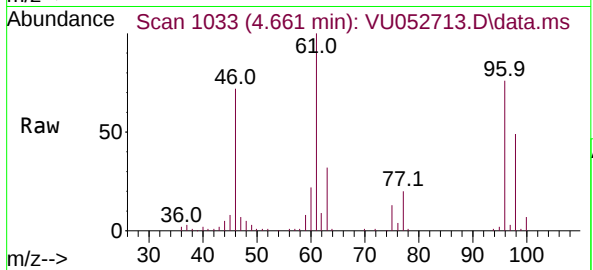




#22
 cis-1,2-Dichloroethene
 Concen: 5.109 ug/L
 RT: 4.661 min Scan# 1034
 Delta R.T. -0.000 min
 Lab File: VU052713.D
 Acq: 17 Jan 2023 11:25

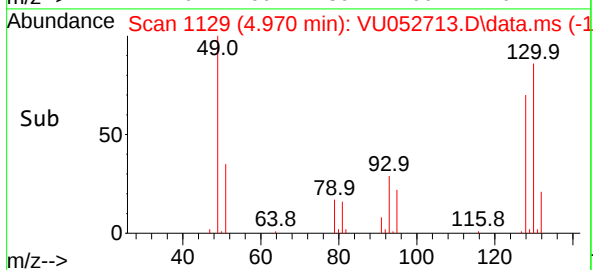
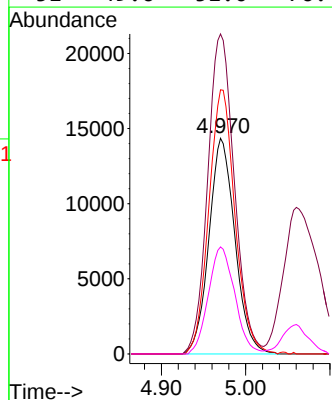
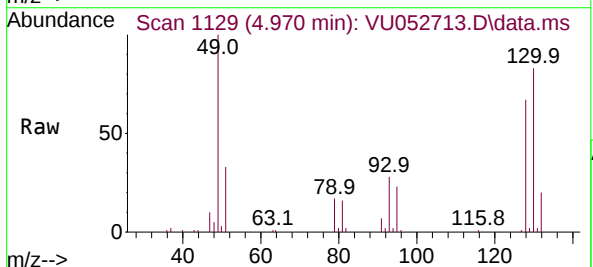
Instrument :
 MSVOA_U
 ClientSampleId :

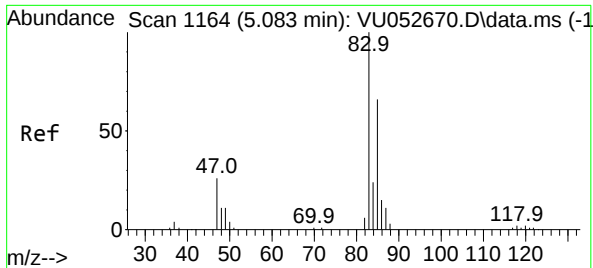
Tgt Ion: 96 Resp: 64971
 Ion Ratio Lower Upper
 96 100
 61 131.9 94.6 175.8
 98 64.3 43.3 80.3



#23
 Bromochloromethane
 Concen: 5.712 ug/L
 RT: 4.970 min Scan# 1129
 Delta R.T. -0.003 min
 Lab File: VU052713.D
 Acq: 17 Jan 2023 11:25

Tgt Ion: 128 Resp: 30750
 Ion Ratio Lower Upper
 128 100
 49 148.4 142.8 265.2
 130 122.5 91.3 169.5
 51 49.6 51.0 76.4#





#25

Chloroform

Concen: 5.059 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. -0.000 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

Instrument :

MSVOA_U

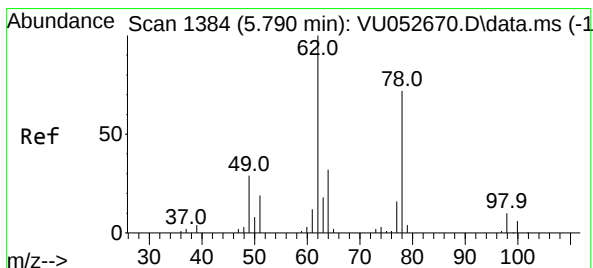
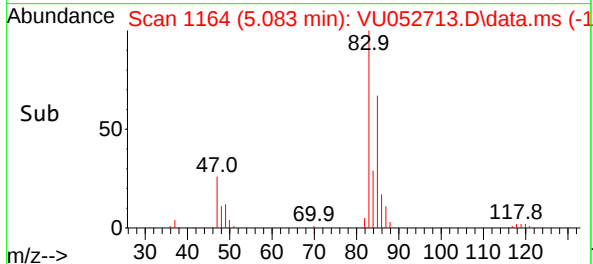
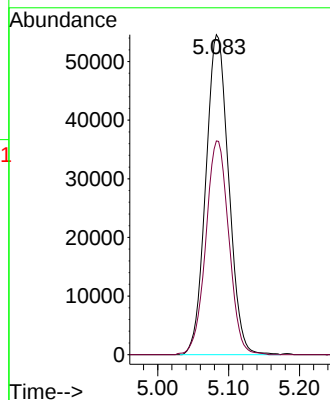
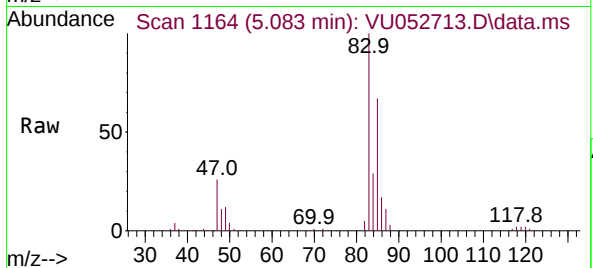
ClientSampleId :

Tgt Ion: 83 Resp: 122290

Ion Ratio Lower Upper

83 100

85 66.8 45.6 84.6



#27

1,2-Dichloroethane

Concen: 5.040 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VU052713.D

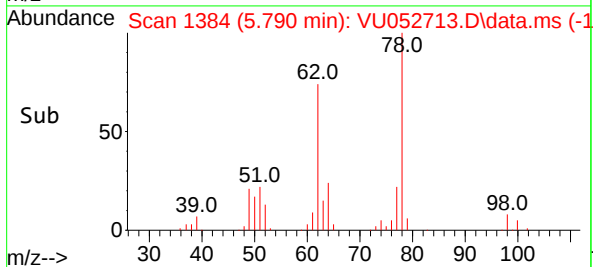
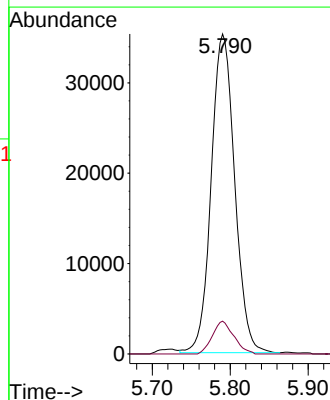
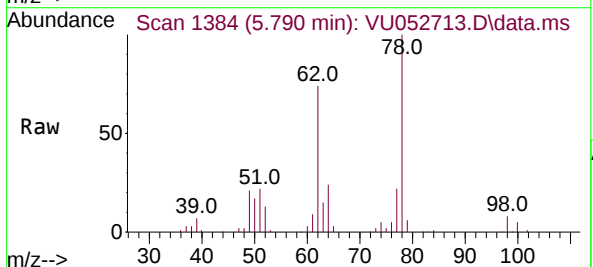
Acq: 17 Jan 2023 11:25

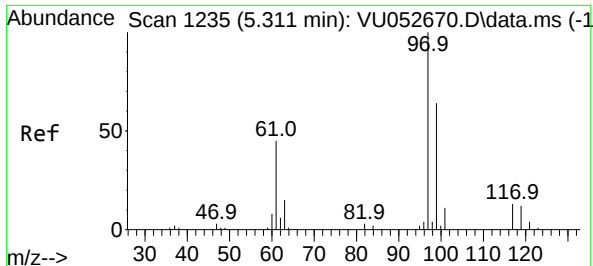
Tgt Ion: 62 Resp: 73834

Ion Ratio Lower Upper

62 100

98 10.3 7.5 11.3

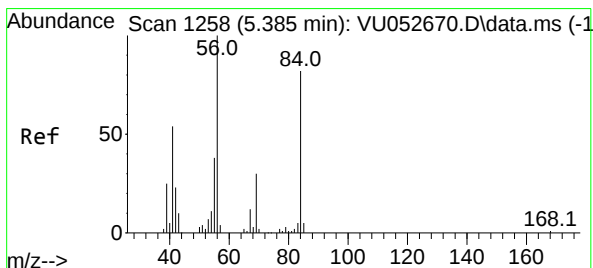
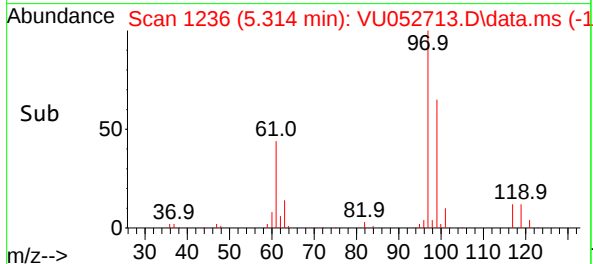
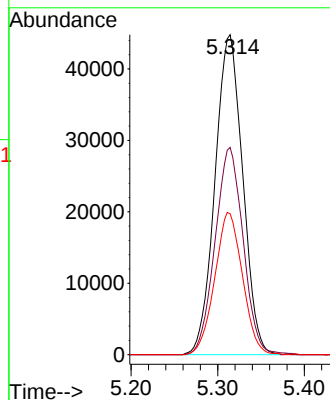
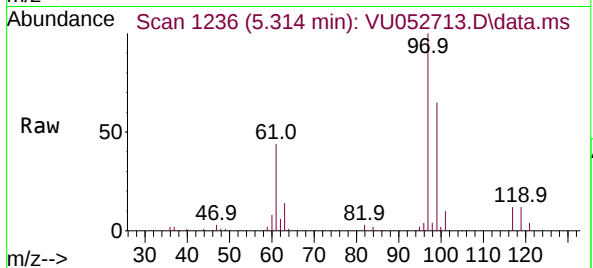




#29
1,1,1-Trichloroethane
Concen: 4.876 ug/L
RT: 5.314 min Scan# 1235
Delta R.T. 0.003 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

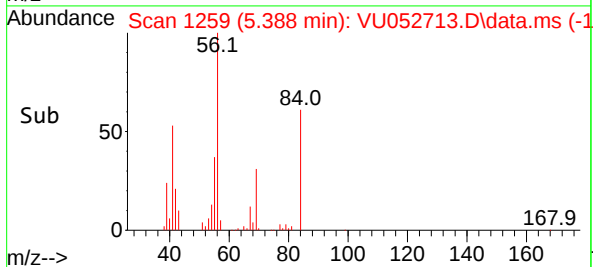
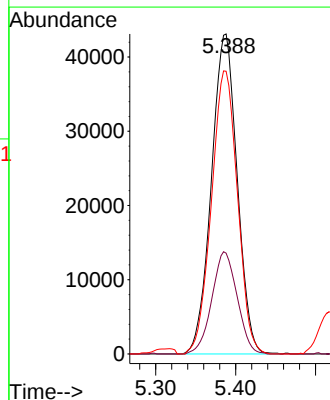
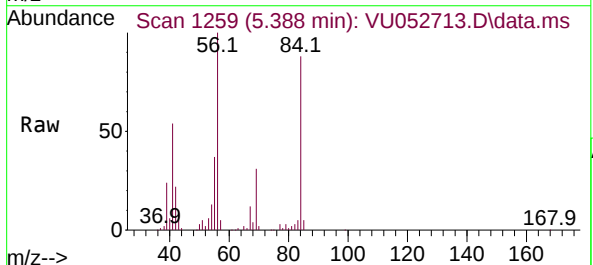
Instrument :
MSVOA_U
ClientSampleId :

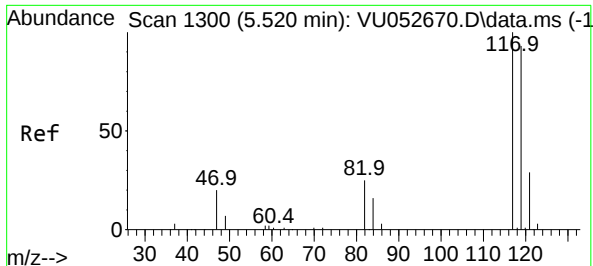
Tgt Ion: 97 Resp: 99621
Ion Ratio Lower Upper
97 100
99 65.7 52.4 78.6
61 44.5 38.5 57.7



#30
Cyclohexane
Concen: 4.690 ug/L
RT: 5.388 min Scan# 1259
Delta R.T. 0.003 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion: 56 Resp: 96408
Ion Ratio Lower Upper
56 100
69 31.4 23.8 35.8
84 89.2 66.2 99.4

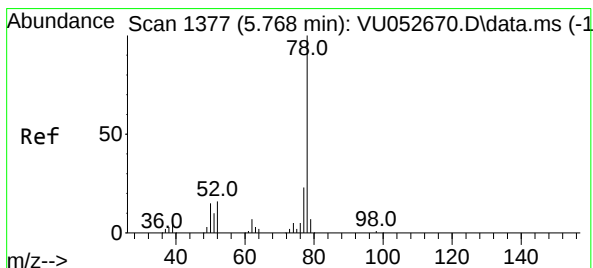
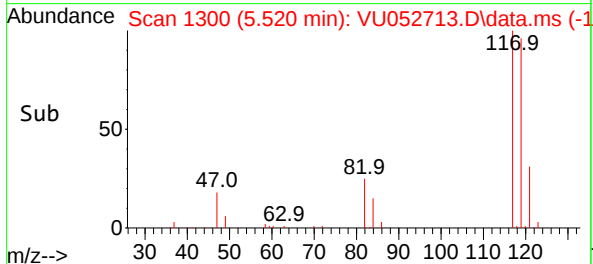
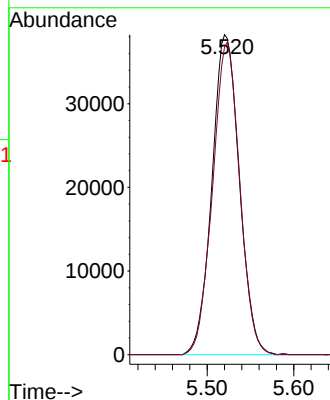
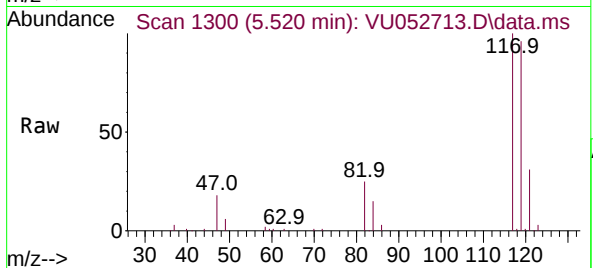




#31
Carbon tetrachloride
Concen: 5.248 ug/L
RT: 5.520 min Scan# 117
Delta R.T. -0.003 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

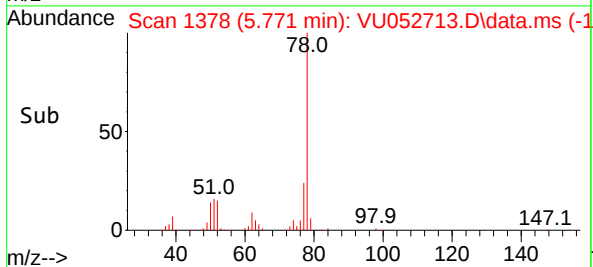
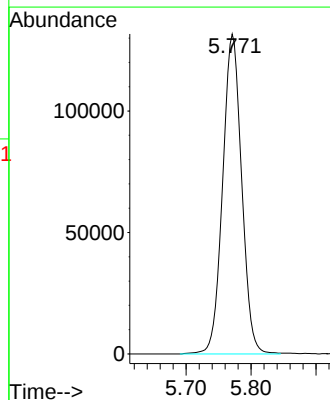
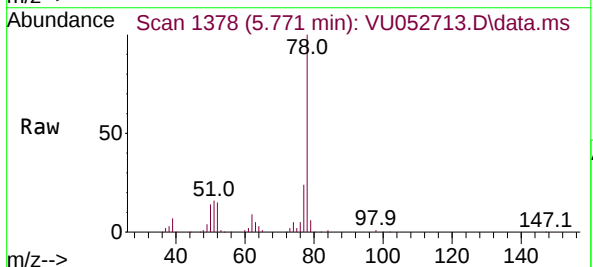
Instrument :
MSVOA_U
ClientSampleId :

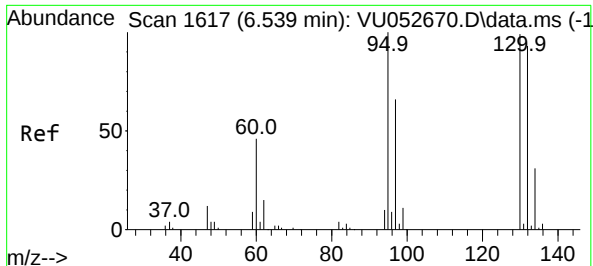
Tgt Ion:117 Resp: 84004
Ion Ratio Lower Upper
117 100
119 96.5 77.8 116.8



#33
Benzene
Concen: 5.174 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion: 78 Resp: 266637

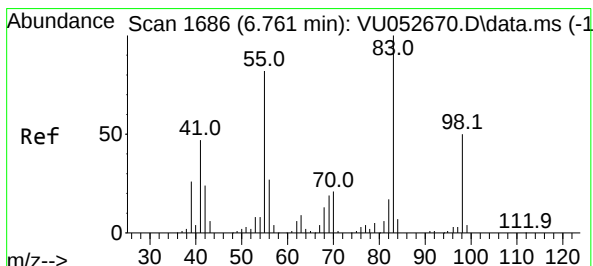
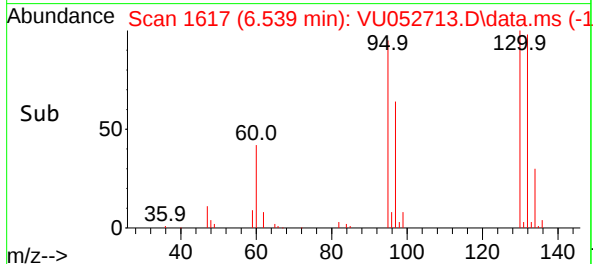
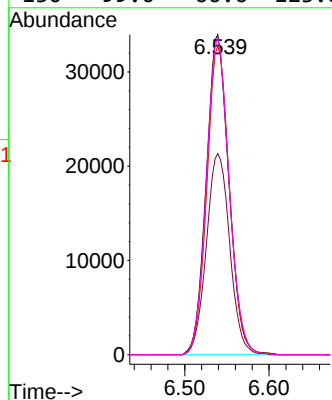
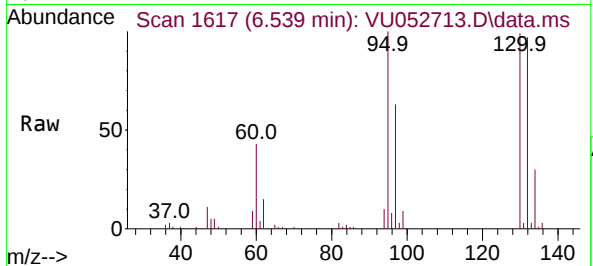




#34
Trichloroethene
Concen: 5.212 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

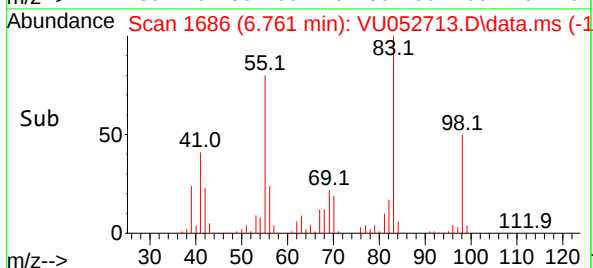
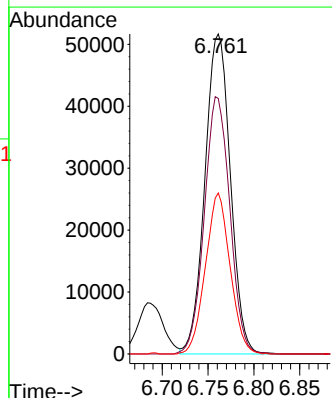
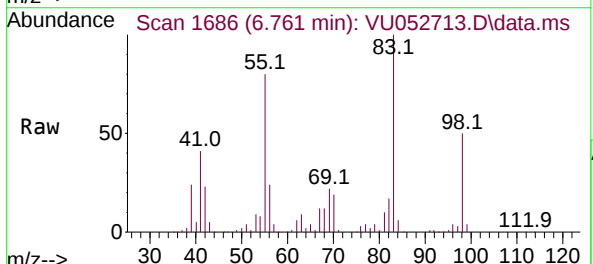
Instrument :
MSVOA_U
ClientSampleId :

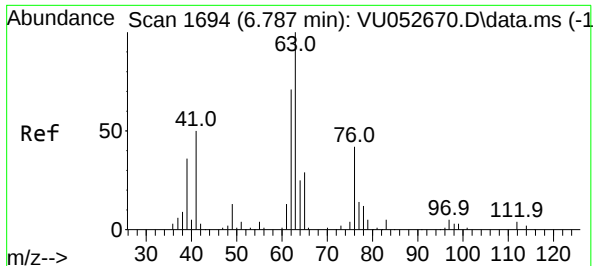
Tgt Ion: 95 Resp: 63537
Ion Ratio Lower Upper
95 100
97 62.9 46.0 85.4
132 96.6 64.0 118.8
130 99.0 66.6 123.8



#35
Methylcyclohexane
Concen: 4.973 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.003 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion: 83 Resp: 100121
Ion Ratio Lower Upper
83 100
55 80.4 67.6 101.4
98 48.6 37.1 55.7

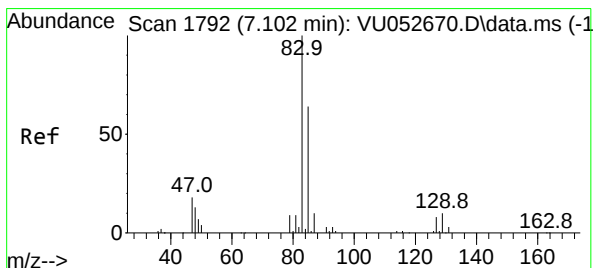
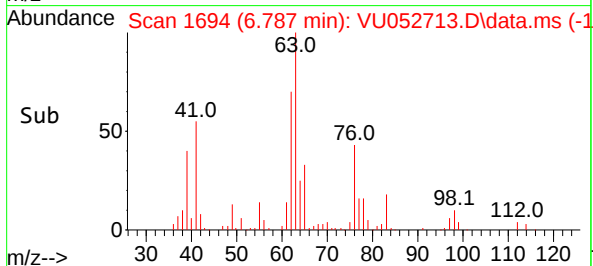
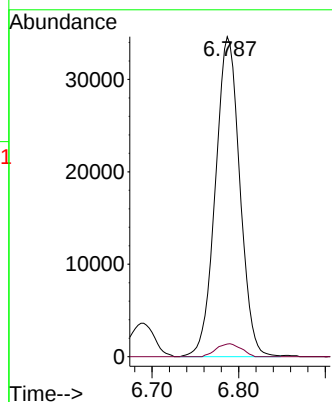
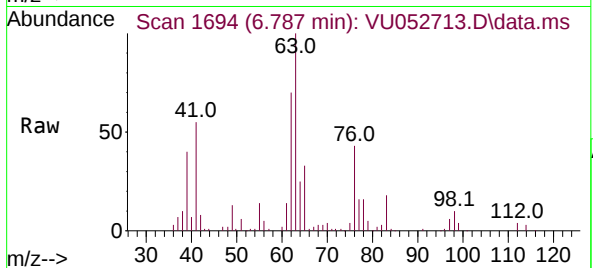




#37
1,2-Dichloropropane
Concen: 4.900 ug/L
RT: 6.787 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

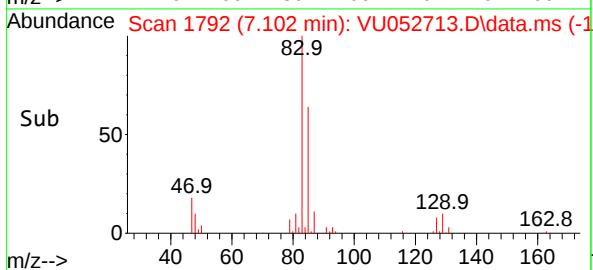
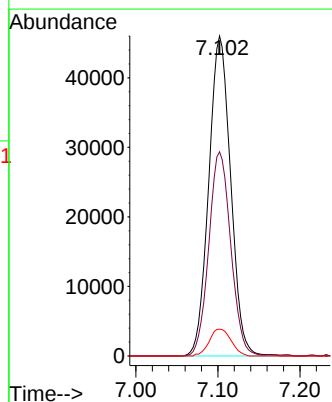
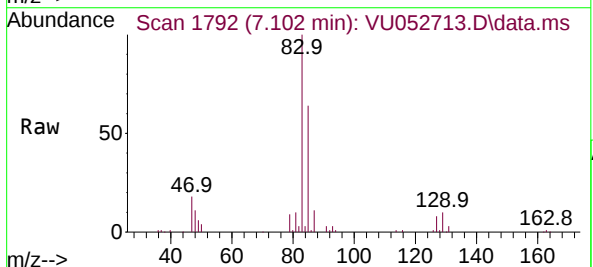
Instrument :
MSVOA_U
ClientSampleId :

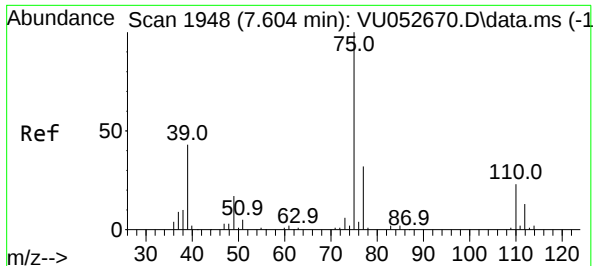
Tgt Ion: 63 Resp: 67777
Ion Ratio Lower Upper
63 100
112 4.2 2.9 4.3



#38
Bromodichloromethane
Concen: 5.240 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion: 83 Resp: 85341
Ion Ratio Lower Upper
83 100
85 63.8 47.0 87.4
127 8.3 6.9 10.3





#39

cis-1,3-Dichloropropene

Concen: 5.163 ug/L

RT: 7.603 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

Instrument :

MSVOA_U

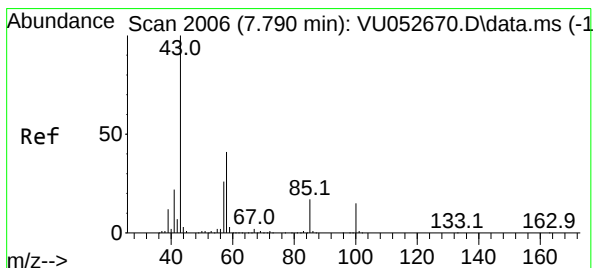
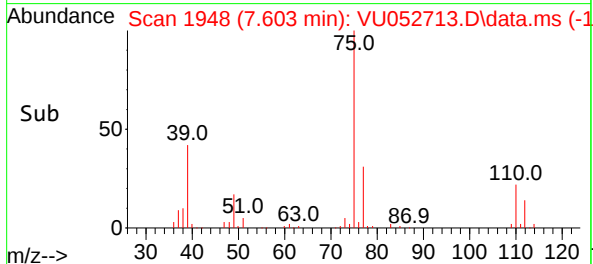
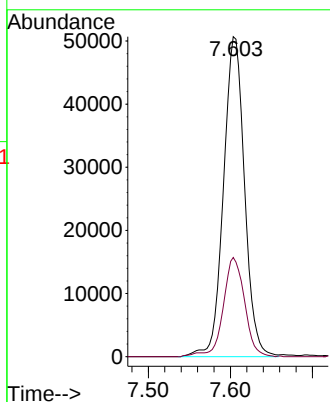
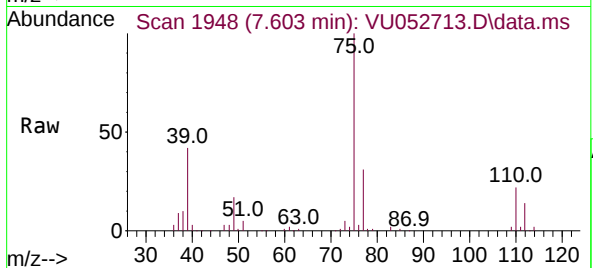
ClientSampleId :

Tgt Ion: 75 Resp: 90644

Ion Ratio Lower Upper

75 100

77 31.0 22.9 42.5



#40

4-Methyl-2-pentanone

Concen: 49.422 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

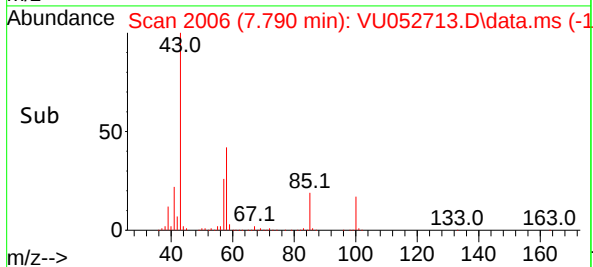
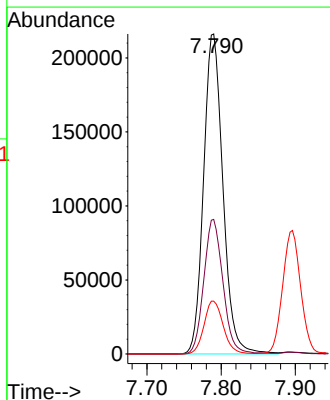
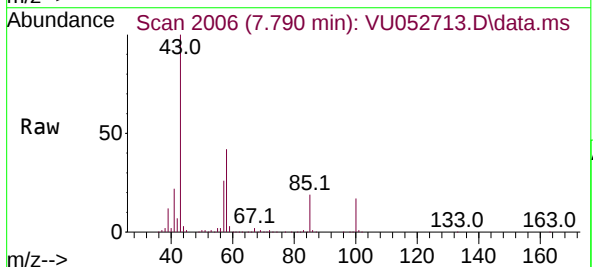
Tgt Ion: 43 Resp: 390965

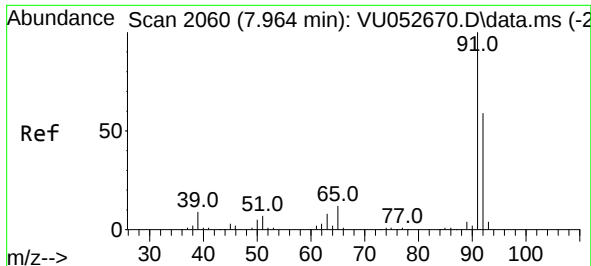
Ion Ratio Lower Upper

43 100

58 41.8 32.0 48.0

100 16.4 11.3 16.9





#42

Toluene

Concen: 5.351 ug/L

RT: 7.967 min Scan# 2060

Delta R.T. 0.003 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

Instrument :

MSVOA_U

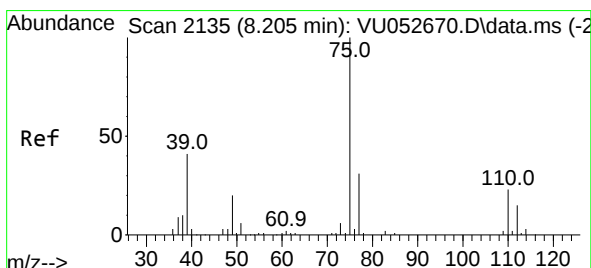
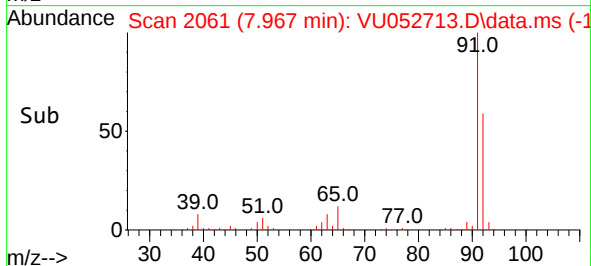
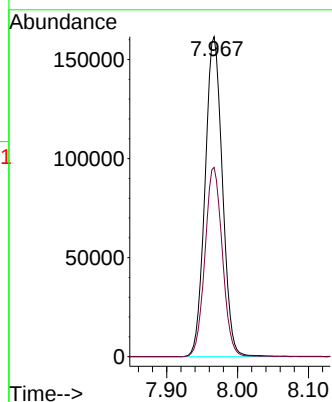
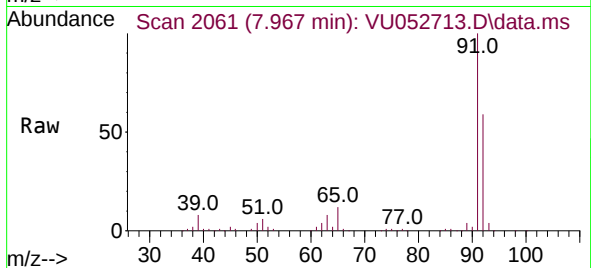
ClientSampleId :

Tgt Ion: 91 Resp: 274716

Ion Ratio Lower Upper

91 100

92 59.2 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 5.132 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.003 min

Lab File: VU052713.D

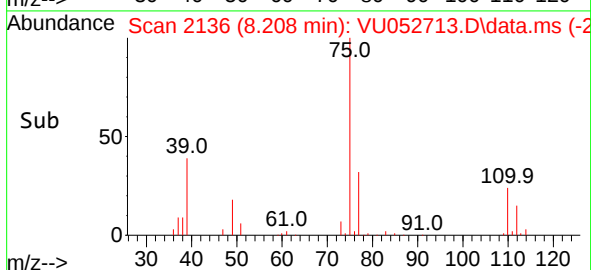
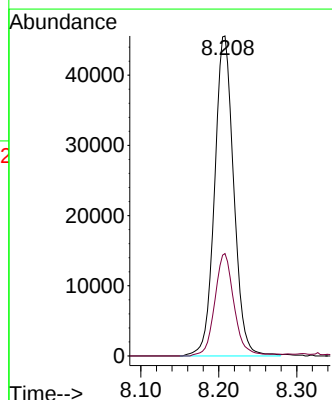
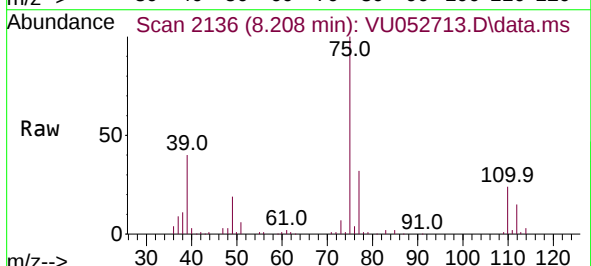
Acq: 17 Jan 2023 11:25

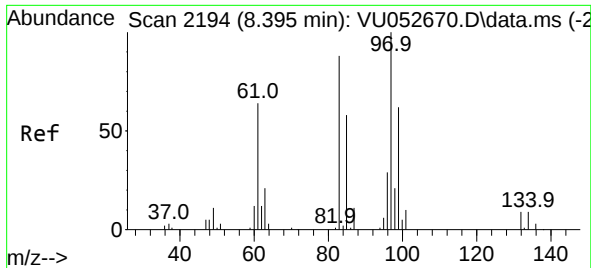
Tgt Ion: 75 Resp: 77779

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.5

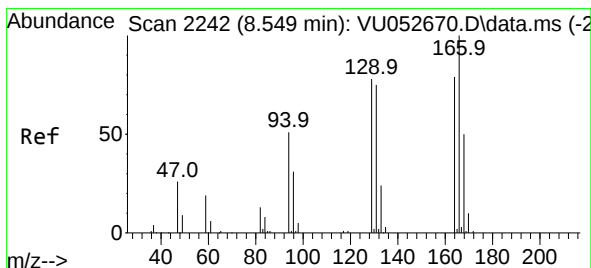
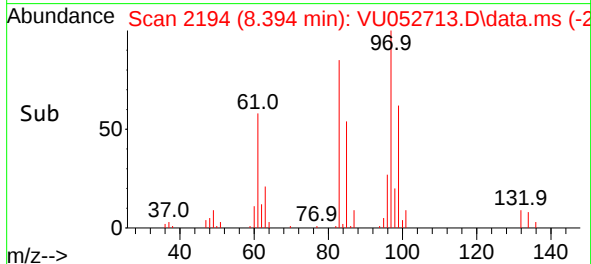
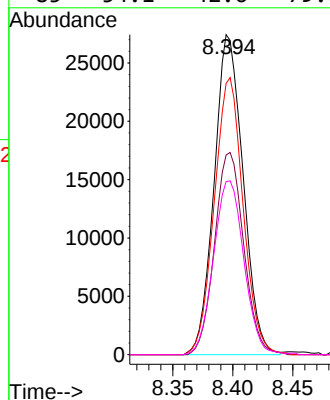
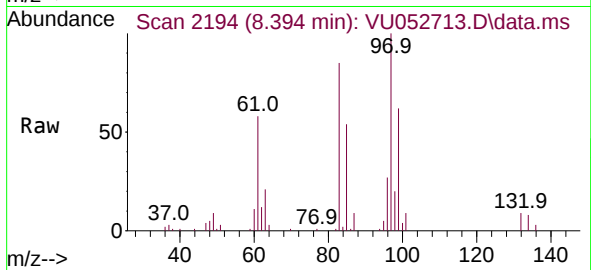




#45
1,1,2-Trichloroethane
Concen: 5.286 ug/L
RT: 8.394 min Scan# 2194
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

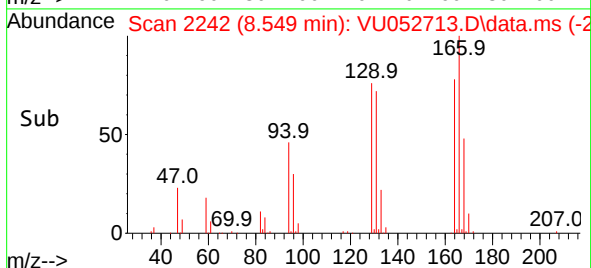
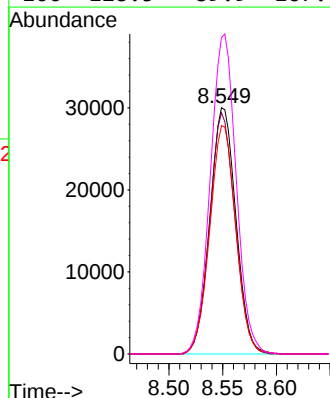
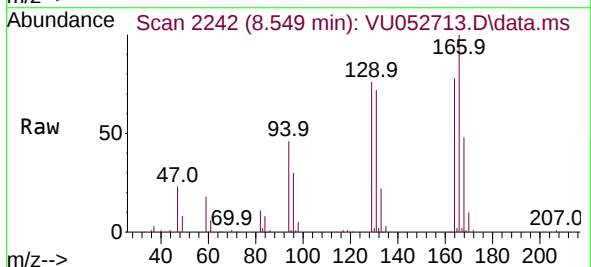
Instrument :
MSVOA_U
ClientSampleId :

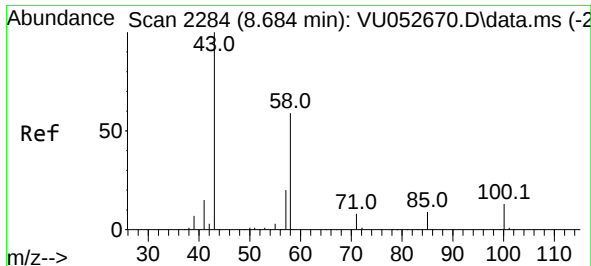
Tgt Ion:	97	Resp:	45986
Ion	Ratio	Lower	Upper
97	100		
99	62.4	44.8	83.2
83	84.8	65.3	121.3
85	54.1	42.6	79.0



#47
Tetrachloroethene
Concen: 5.628 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion:	164	Resp:	50555
Ion	Ratio	Lower	Upper
164	100		
129	97.9	71.8	133.4
131	92.8	66.6	123.6
166	128.5	89.9	167.0

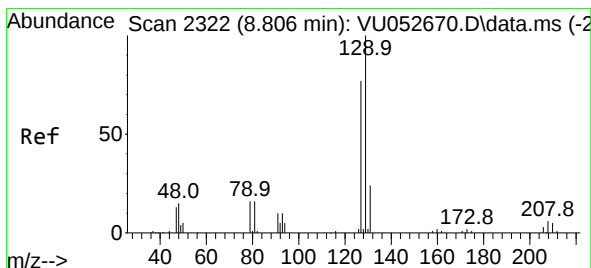
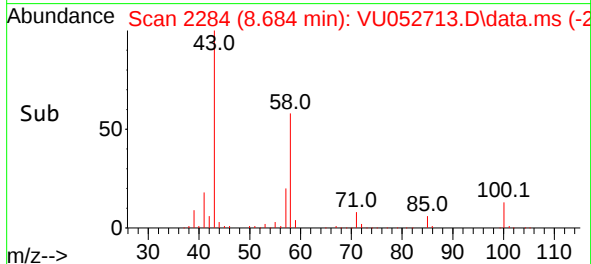
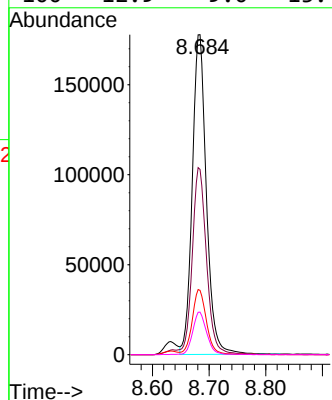
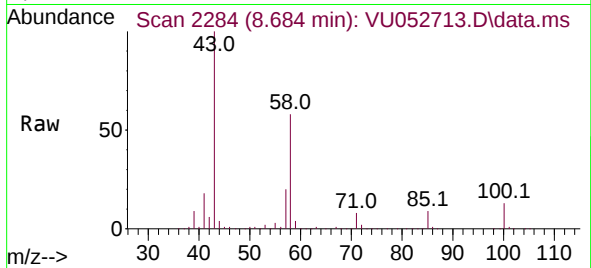




#48
2-Hexanone
Concen: 53.071 ug/L
RT: 8.684 min Scan# 211
Delta R.T. 0.003 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

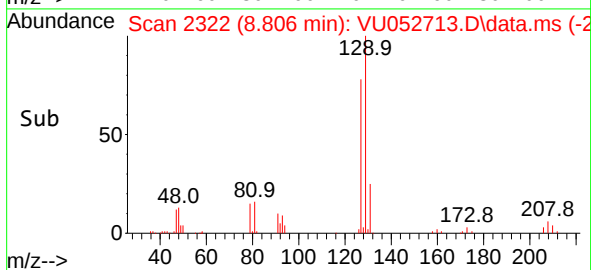
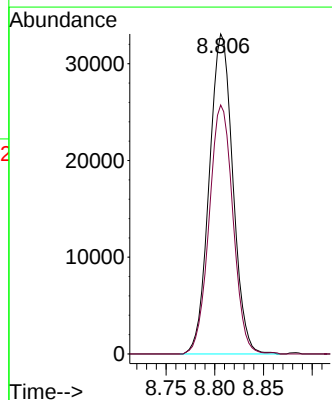
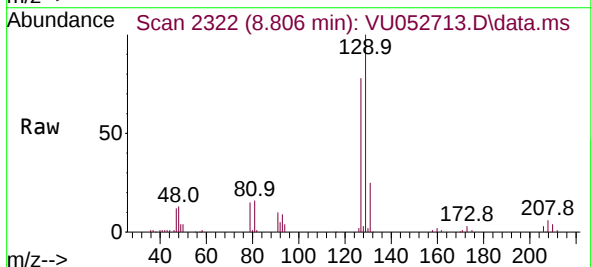
Instrument :
MSVOA_U
ClientSampleId :

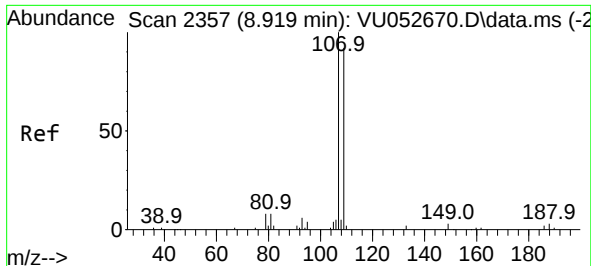
Tgt Ion: 43 Resp: 307392
Ion Ratio Lower Upper
43 100
58 58.0 45.1 67.7
57 20.2 15.1 22.7
100 12.9 9.0 13.4



#49
Dibromochloromethane
Concen: 5.535 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion:129 Resp: 55670
Ion Ratio Lower Upper
129 100
127 77.8 53.5 99.5





#50

1,2-Dibromoethane

Concen: 5.410 ug/L

RT: 8.919 min Scan# 21

Delta R.T. -0.000 min

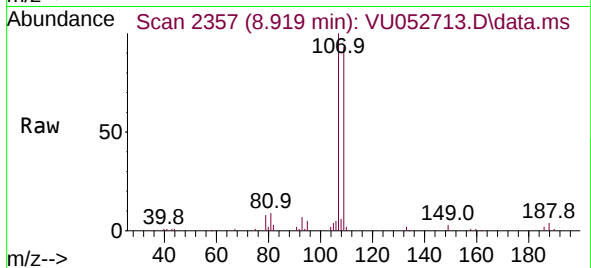
Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :



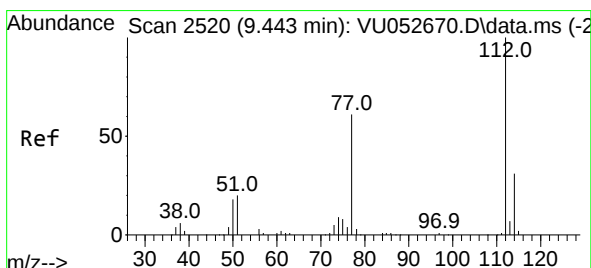
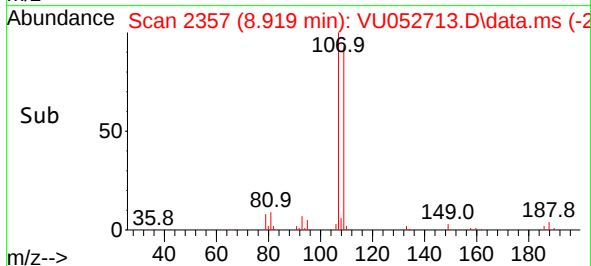
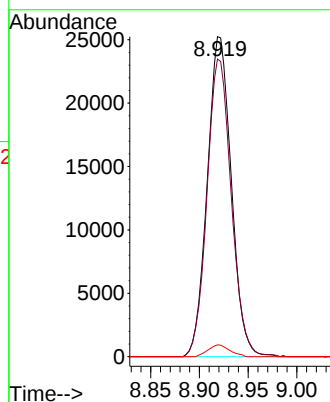
Tgt Ion:107 Resp: 43271

Ion Ratio Lower Upper

107 100

109 93.0 65.3 121.3

188 3.7 2.4 3.6#



#51

Chlorobenzene

Concen: 5.386 ug/L

RT: 9.443 min Scan# 2520

Delta R.T. -0.000 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

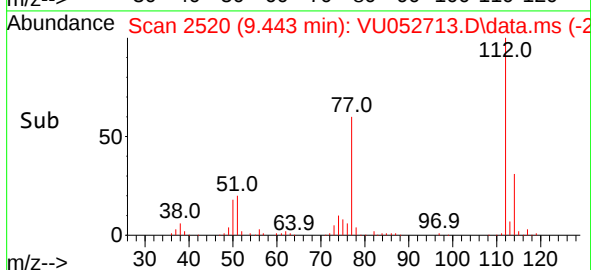
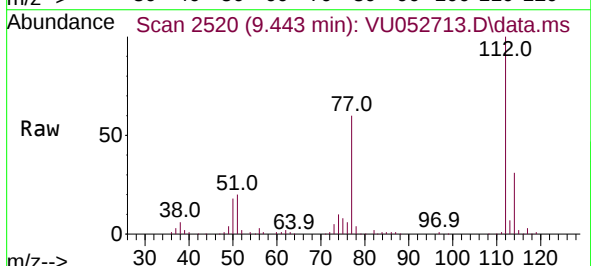
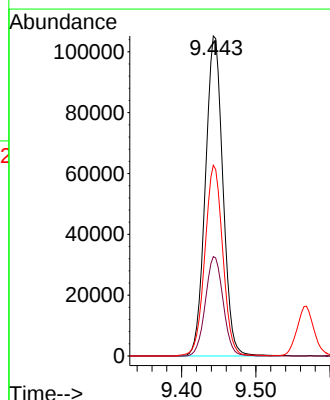
Tgt Ion:112 Resp: 172260

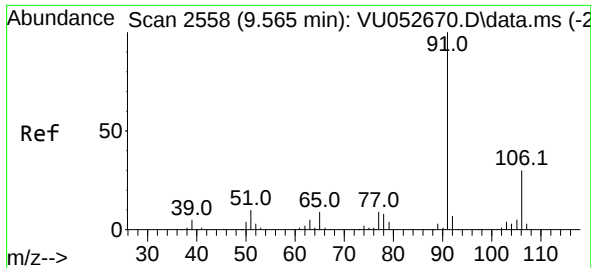
Ion Ratio Lower Upper

112 100

114 31.0 22.8 42.4

77 59.6 50.2 75.4

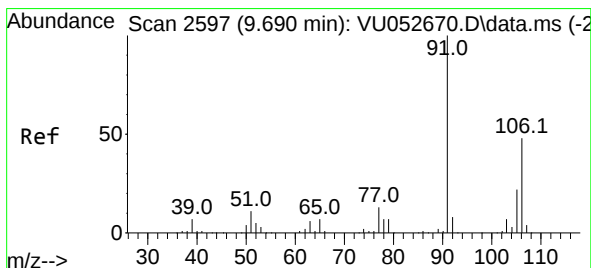
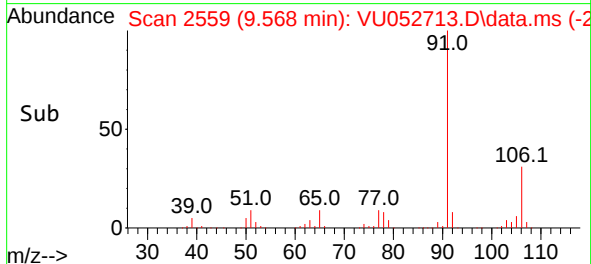
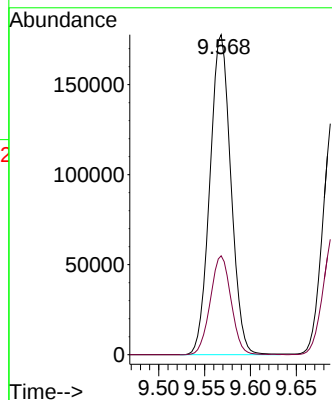
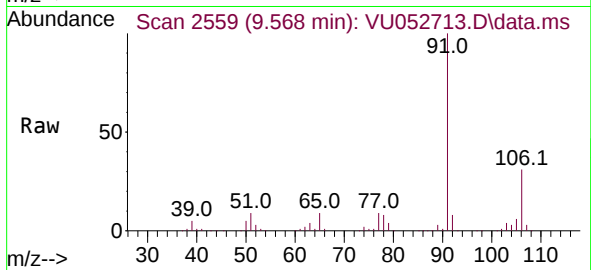




#52
Ethylbenzene
Concen: 5.402 ug/L
RT: 9.568 min Scan# 2558
Delta R.T. 0.003 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

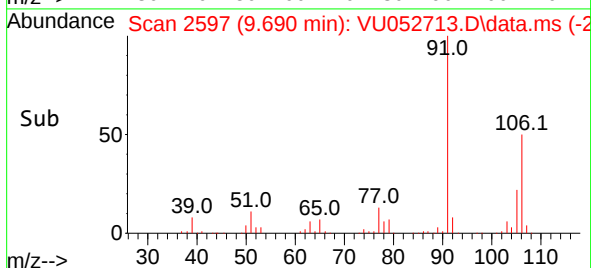
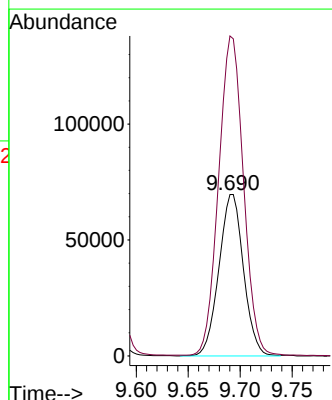
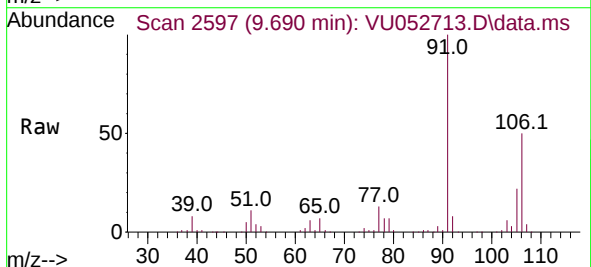
Instrument :
MSVOA_U
ClientSampleId :

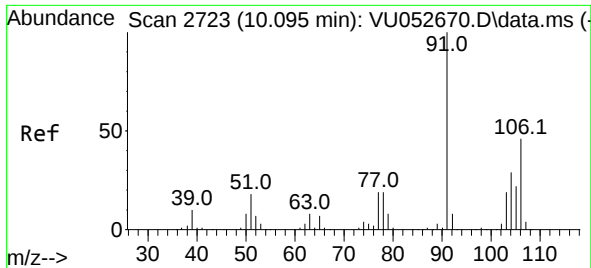
Tgt Ion: 91 Resp: 282505
Ion Ratio Lower Upper
91 100
106 30.9 21.1 39.3



#53
m,p-Xylene
Concen: 5.774 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion:106 Resp: 114381
Ion Ratio Lower Upper
106 100
91 198.2 144.3 267.9

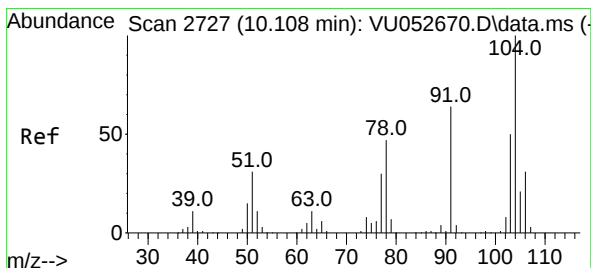
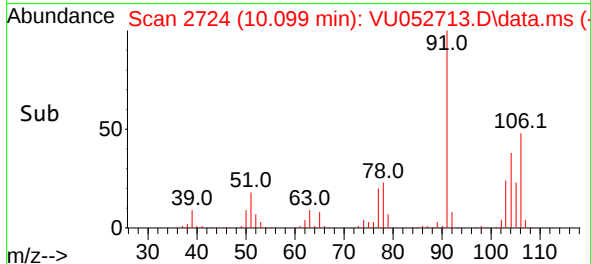
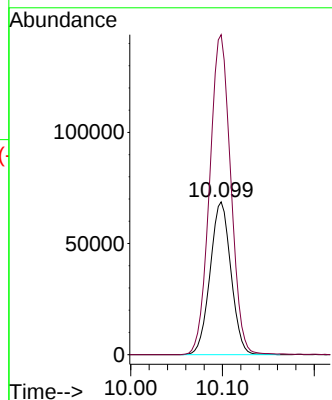
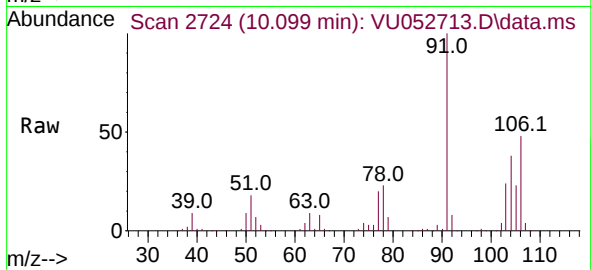




#54
o-Xylene
Concen: 5.718 ug/L
RT: 10.099 min Scan# 2723
Delta R.T. 0.003 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

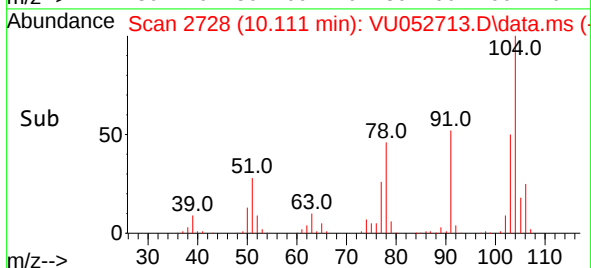
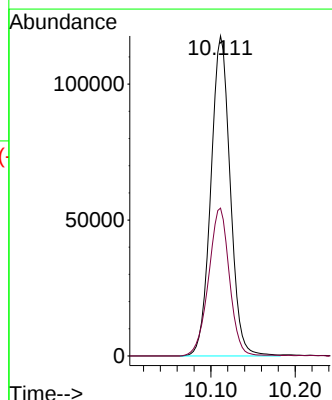
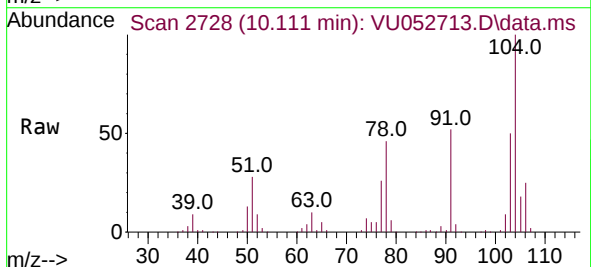
Instrument :
MSVOA_U
ClientSampleId :

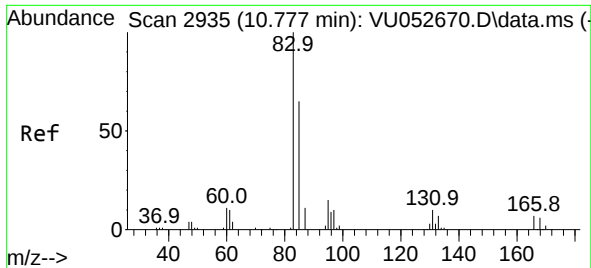
Tgt Ion:106 Resp: 108307
Ion Ratio Lower Upper
106 100
91 209.5 148.7 276.1



#55
Styrene
Concen: 5.823 ug/L
RT: 10.111 min Scan# 2728
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion:104 Resp: 188135
Ion Ratio Lower Upper
104 100
78 46.2 32.8 60.8

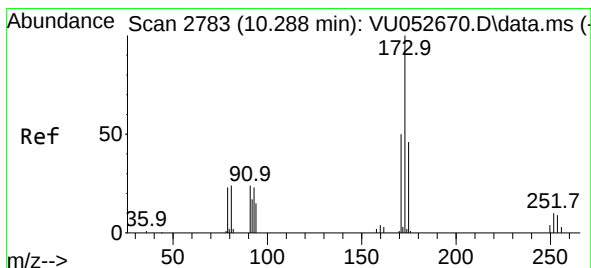
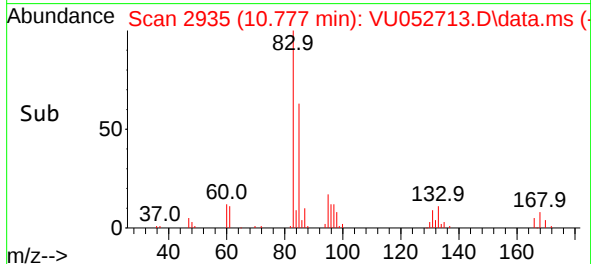
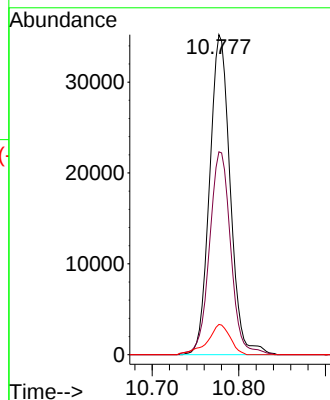
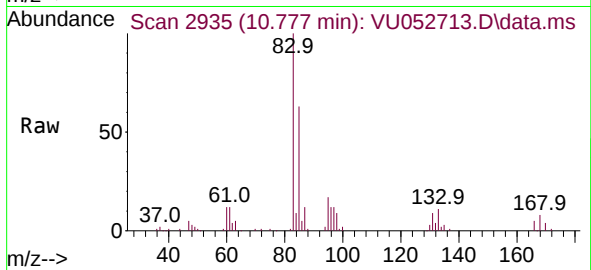




#57
1,1,2,2-Tetrachloroethane
Concen: 5.113 ug/L
RT: 10.777 min Scan# 2935
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

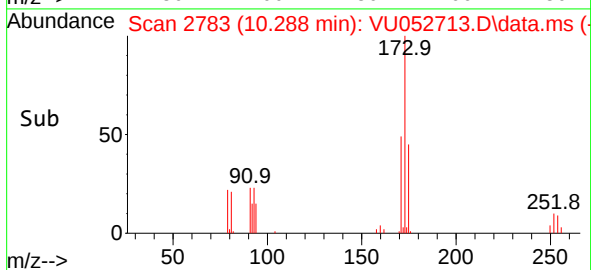
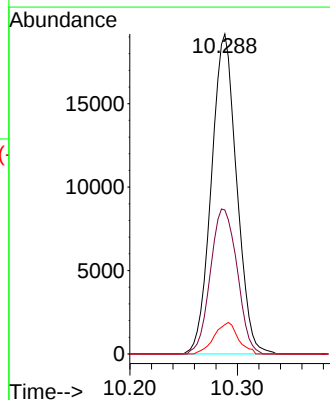
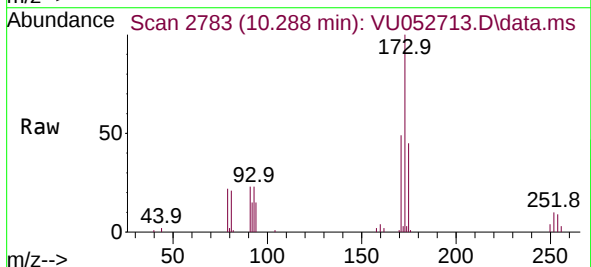
Instrument :
MSVOA_U
ClientSampleId :

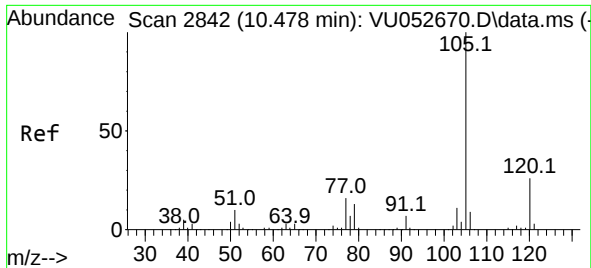
Tgt Ion: 83 Resp: 58113
Ion Ratio Lower Upper
83 100
85 63.4 43.7 81.1
131 9.5 7.0 10.6



#59
Bromoform
Concen: 5.637 ug/L
RT: 10.288 min Scan# 2783
Delta R.T. 0.003 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion:173 Resp: 31321
Ion Ratio Lower Upper
173 100
175 47.9 38.2 57.4
254 9.3 7.3 10.9

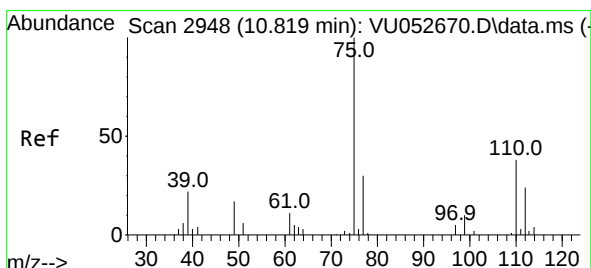
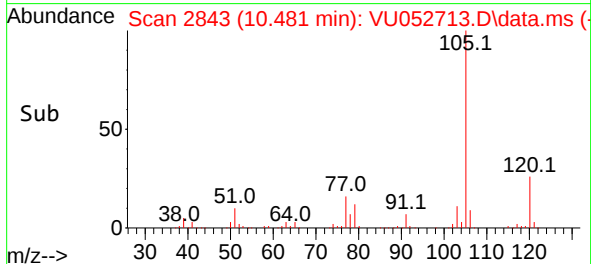
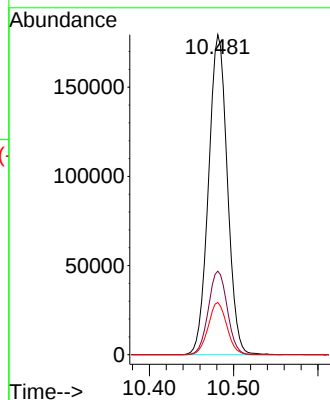
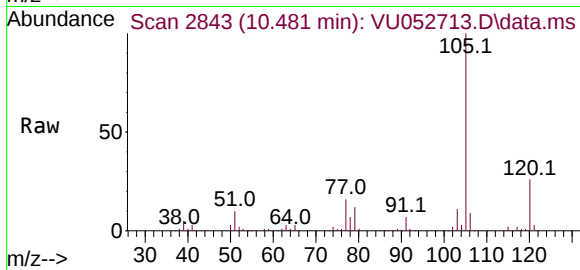




#60
Isopropylbenzene
Concen: 5.505 ug/L
RT: 10.481 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

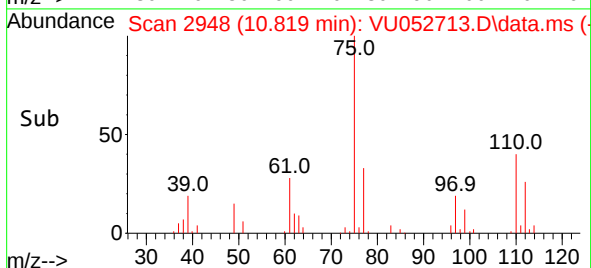
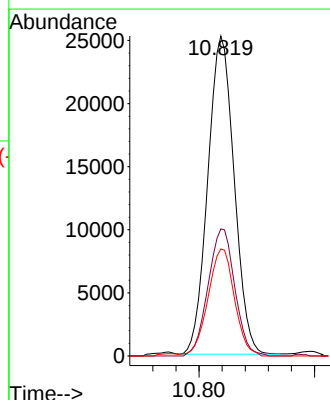
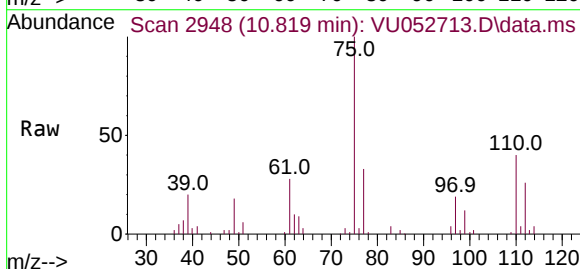
Instrument :
MSVOA_U
ClientSampleId :

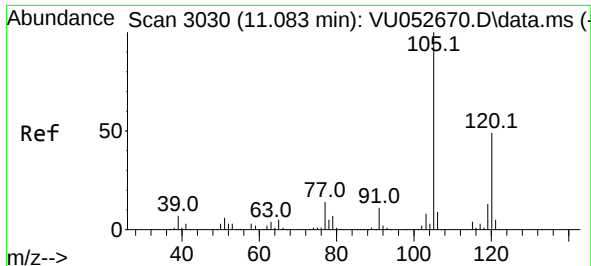
Tgt Ion:105 Resp: 278824
Ion Ratio Lower Upper
105 100
120 26.2 20.4 30.6
77 16.2 13.2 19.8



#61
1,2,3-Trichloropropane
Concen: 4.807 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion: 75 Resp: 39922
Ion Ratio Lower Upper
75 100
110 40.3 27.2 40.8
77 33.7 24.0 36.0

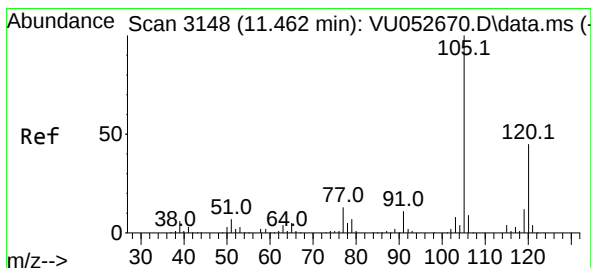
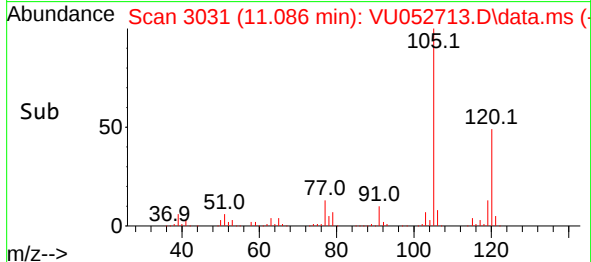
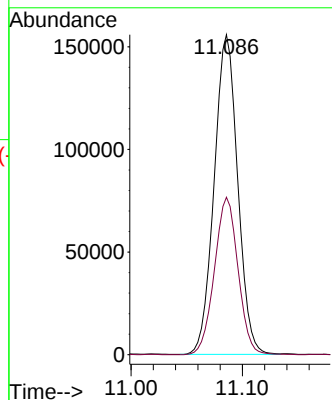
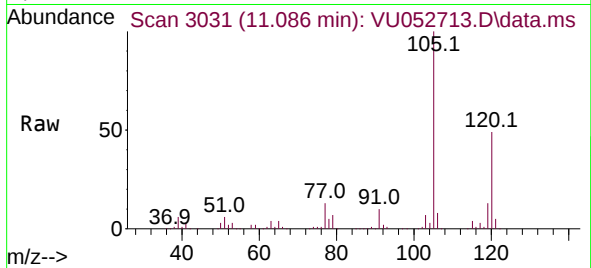




#62
1,3,5-Trimethylbenzene
Concen: 5.661 ug/L
RT: 11.086 min Scan# 3030
Delta R.T. 0.003 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

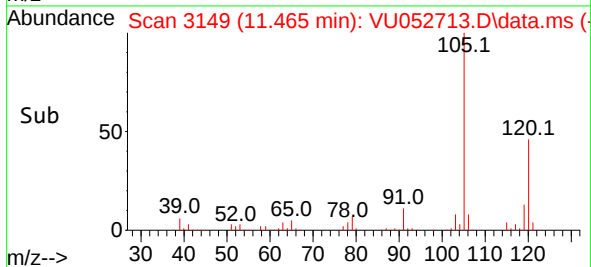
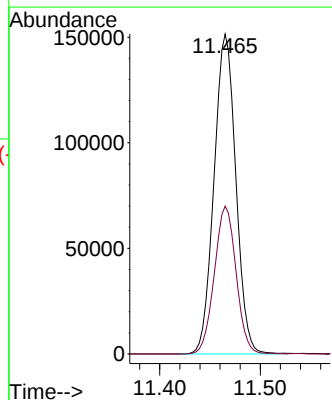
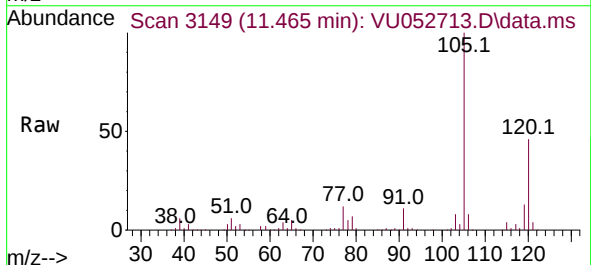
Instrument :
MSVOA_U
ClientSampleId :

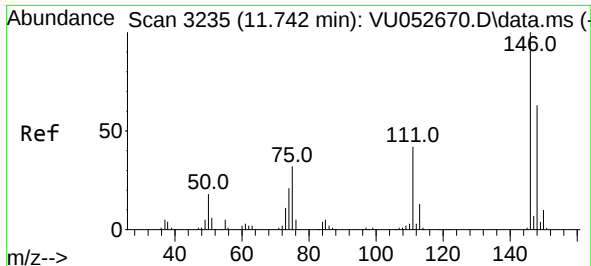
Tgt Ion:105 Resp: 228649
Ion Ratio Lower Upper
105 100
120 49.4 39.0 58.6



#63
1,2,4-Trimethylbenzene
Concen: 5.613 ug/L
RT: 11.465 min Scan# 3149
Delta R.T. 0.003 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

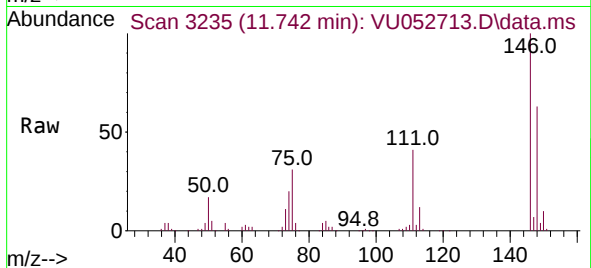
Tgt Ion:105 Resp: 228394
Ion Ratio Lower Upper
105 100
120 46.1 35.9 53.9



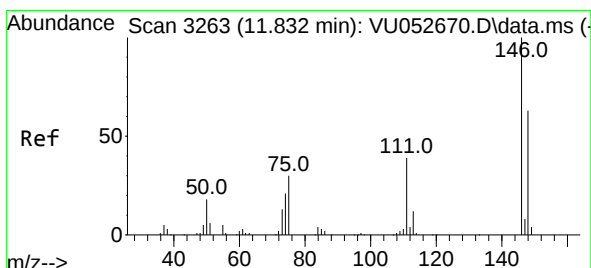
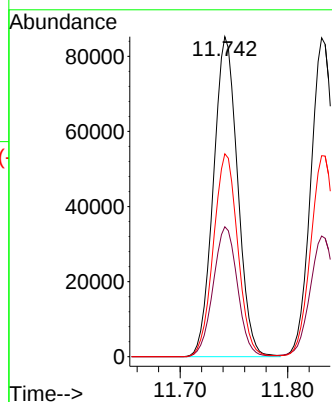
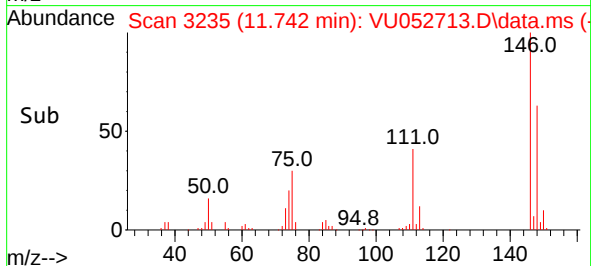


#64
1,3-Dichlorobenzene
Concen: 5.546 ug/L
RT: 11.742 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

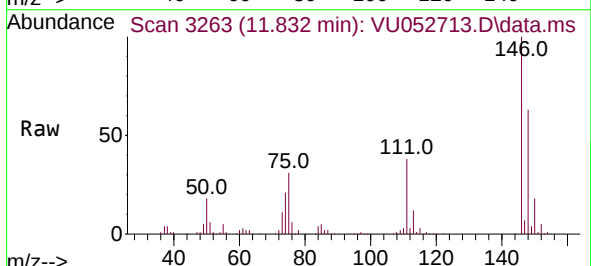
Instrument :
MSVOA_U
ClientSampleId :



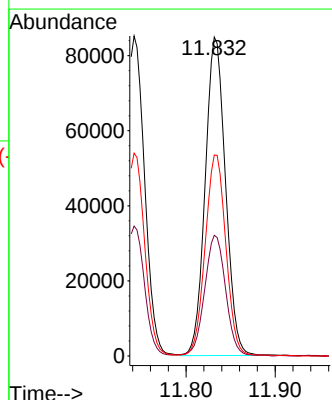
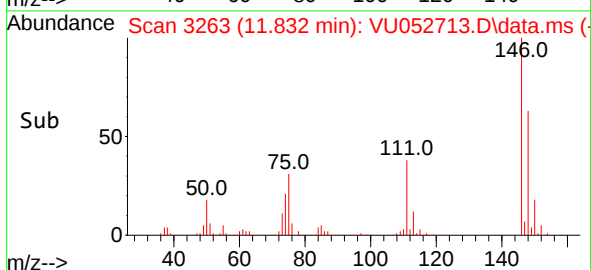
Tgt Ion:146 Resp: 133602
Ion Ratio Lower Upper
146 100
111 40.6 29.4 54.6
148 63.4 44.5 82.7

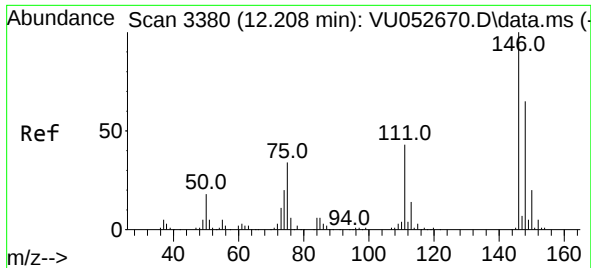


#65
1,4-Dichlorobenzene
Concen: 5.445 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25



Tgt Ion:146 Resp: 133824
Ion Ratio Lower Upper
146 100
111 37.9 28.1 52.3
148 63.0 44.7 83.1





#67

1,2-Dichlorobenzene

Concen: 5.479 ug/L

RT: 12.208 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :

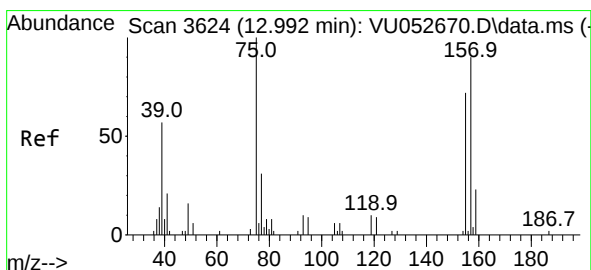
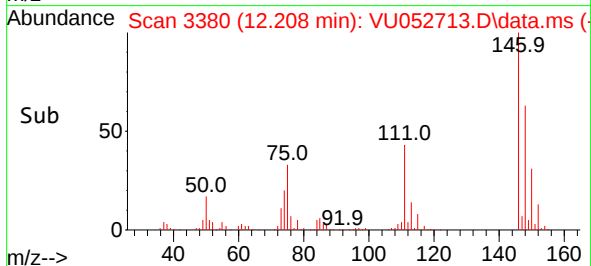
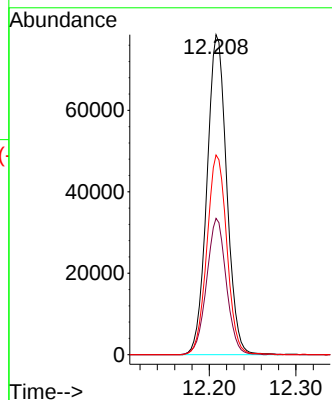
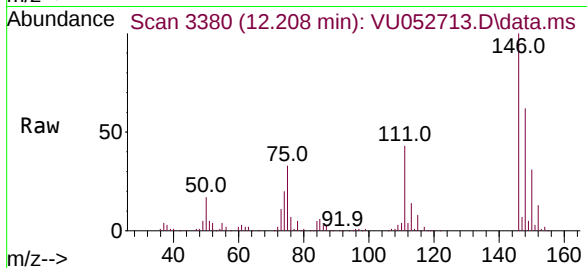
Tgt Ion:146 Resp: 124209

Ion Ratio Lower Upper

146 100

111 42.6 33.8 50.6

148 62.4 51.0 76.4



#68

1,2-Dibromo-3-chloropropane

Concen: 5.023 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. 0.006 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

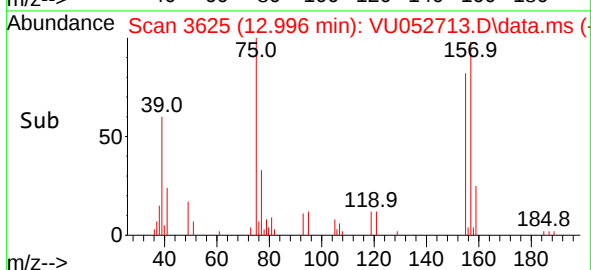
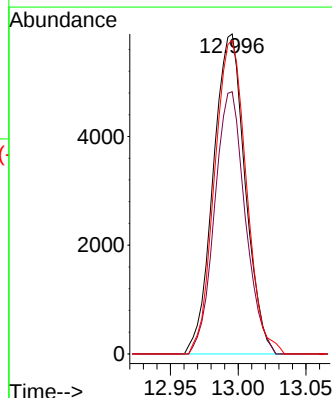
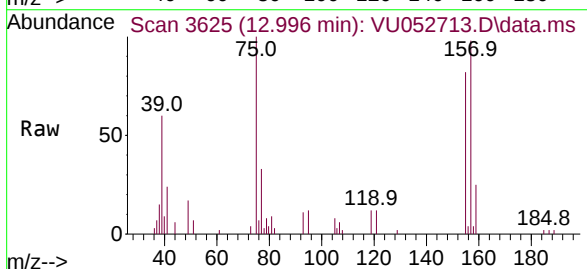
Tgt Ion: 75 Resp: 9620

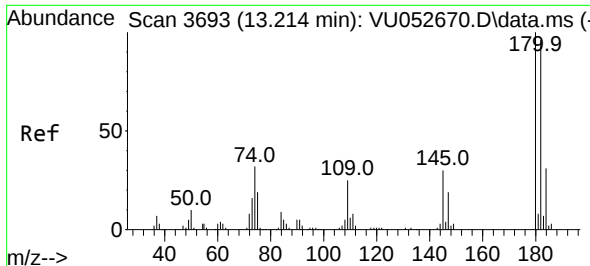
Ion Ratio Lower Upper

75 100

155 82.0 48.0 72.0#

157 98.0 69.3 103.9





#69

1,3,5-Trichlorobenzene

Concen: 5.350 ug/L

RT: 13.217 min Scan# 30

Delta R.T. 0.003 min

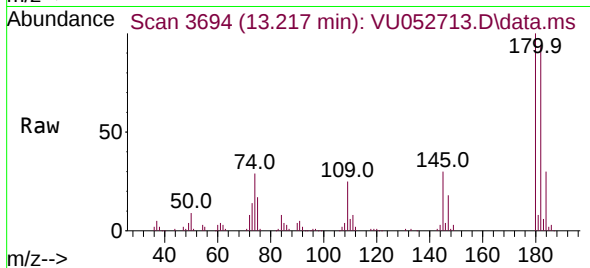
Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 95736

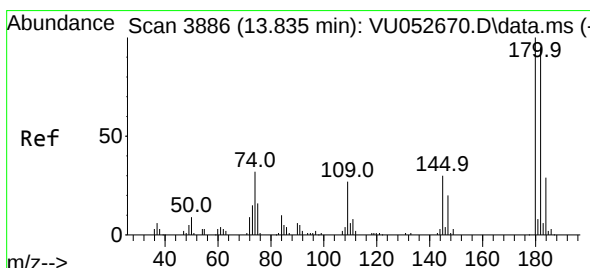
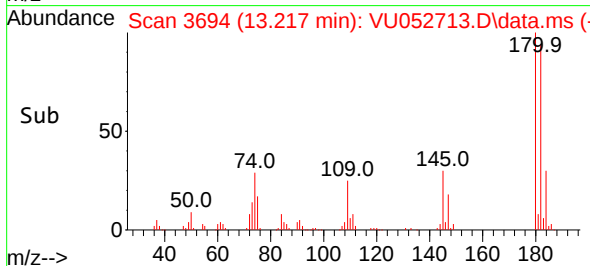
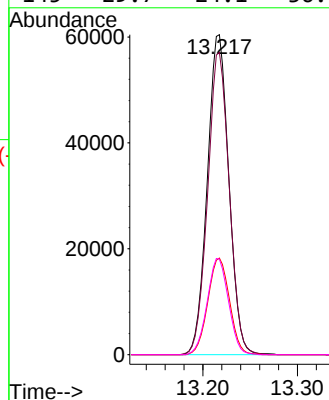
Ion Ratio Lower Upper

180 100

182 94.5 75.1 112.7

184 30.3 23.6 35.4

145 29.7 24.1 36.1



#70

1,2,4-trichlorobenzene

Concen: 5.191 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. 0.003 min

Lab File: VU052713.D

Acq: 17 Jan 2023 11:25

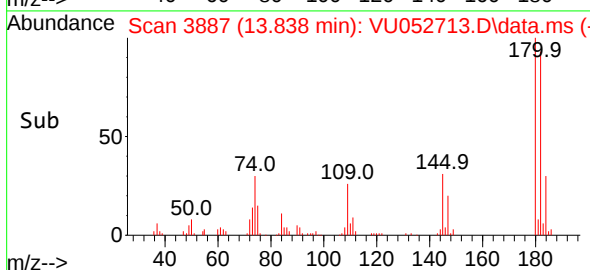
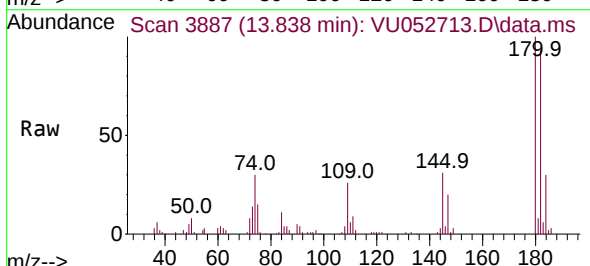
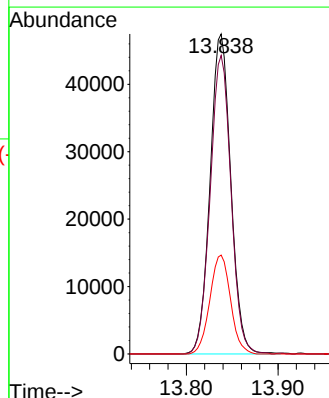
Tgt Ion:180 Resp: 74508

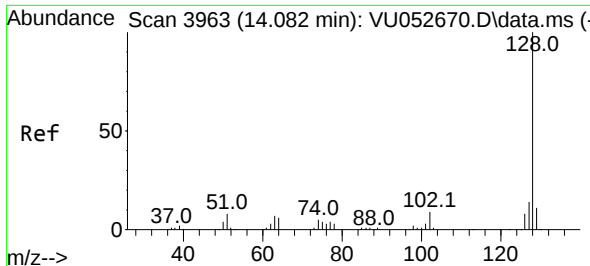
Ion Ratio Lower Upper

180 100

182 93.5 77.5 116.3

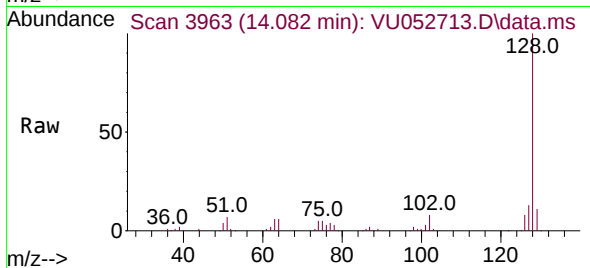
145 30.8 25.3 37.9



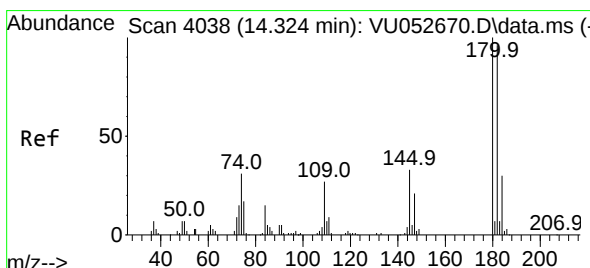
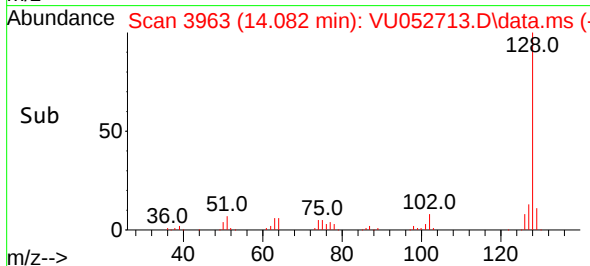
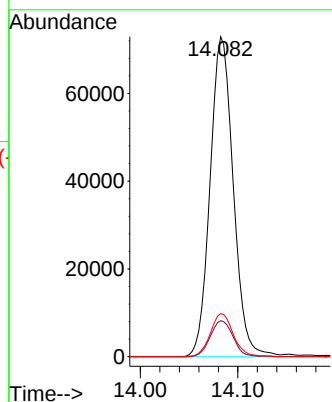


#71
Naphthalene
Concen: 4.837 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. -0.000 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 120507
Ion Ratio Lower Upper
128 100
129 11.0 8.3 12.5
127 13.4 10.8 16.2



#72
1,2,3-Trichlorobenzene
Concen: 5.266 ug/L
RT: 14.327 min Scan# 4039
Delta R.T. 0.003 min
Lab File: VU052713.D
Acq: 17 Jan 2023 11:25

Tgt Ion:180 Resp: 69235
Ion Ratio Lower Upper
180 100
182 97.3 75.8 113.6
145 32.4 26.5 39.7

