

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122022\
 Data File : VU052465.D
 Acq On : 20 Dec 2022 18:19
 Operator : JC/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV079

Quant Time: Dec 21 03:45:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 21 03:39:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	190582	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	181713	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	94588	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	89416	4.631	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.600%
7) Chloroethane-d5	1.916	69	75053	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.568	65	38371	4.618	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.400%
20) 2-Butanone-d5	4.649	46	289467	48.346	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.700%
24) Chloroform-d	5.060	84	151186	4.641	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.800%
26) 1,2-Dichloroethane-d4	5.700	65	86430	4.574	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.400%
32) Benzene-d6	5.726	84	301710	4.843	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.687	67	102809	4.794	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.893	98	266668	5.099	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.000%
43) trans-1,3-Dichloroprop...	8.176	79	36908	5.026	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.600%
46) 2-Hexanone-d5	8.633	63	208453	51.883	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.760%
56) 1,1,2,2-Tetrachloroeth...	10.751	84	87541	4.808	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.189	152	89656	4.656	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	81175	4.787	ug/L	99
3) Chloromethane	1.520	50	111539	4.557	ug/L	98
5) Vinyl chloride	1.604	62	107181	4.830	ug/L	99
6) Bromomethane	1.858	94	59595	4.711	ug/L	100
8) Chloroethane	1.935	64	65816	4.331	ug/L	97
9) Trichlorofluoromethane	2.141	101	118915	4.740	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	70358	4.718	ug/L	100
12) 1,1-Dichloroethene	2.581	96	67330	4.717	ug/L	97
13) Acetone	2.681	43	186487	42.250	ug/L	61
14) Carbon disulfide	2.794	76	221005	4.805	ug/L	99
15) Methyl Acetate	2.967	43	45987	4.729	ug/L	98
16) Methylene chloride	3.044	84	86739	4.302	ug/L	97
17) Methyl tert-butyl Ether	3.363	73	182667	4.794	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	72129	4.903	ug/L	97
19) 1,1-Dichloroethane	3.867	63	151324	4.730	ug/L	99
21) 2-Butanone	4.732	43	311326	47.892	ug/L	99
22) cis-1,2-Dichloroethene	4.665	96	77297	4.788	ug/L	94
23) Bromochloromethane	4.973	128	36370	4.861	ug/L	96
25) Chloroform	5.083	83	145866	4.706	ug/L	99

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 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

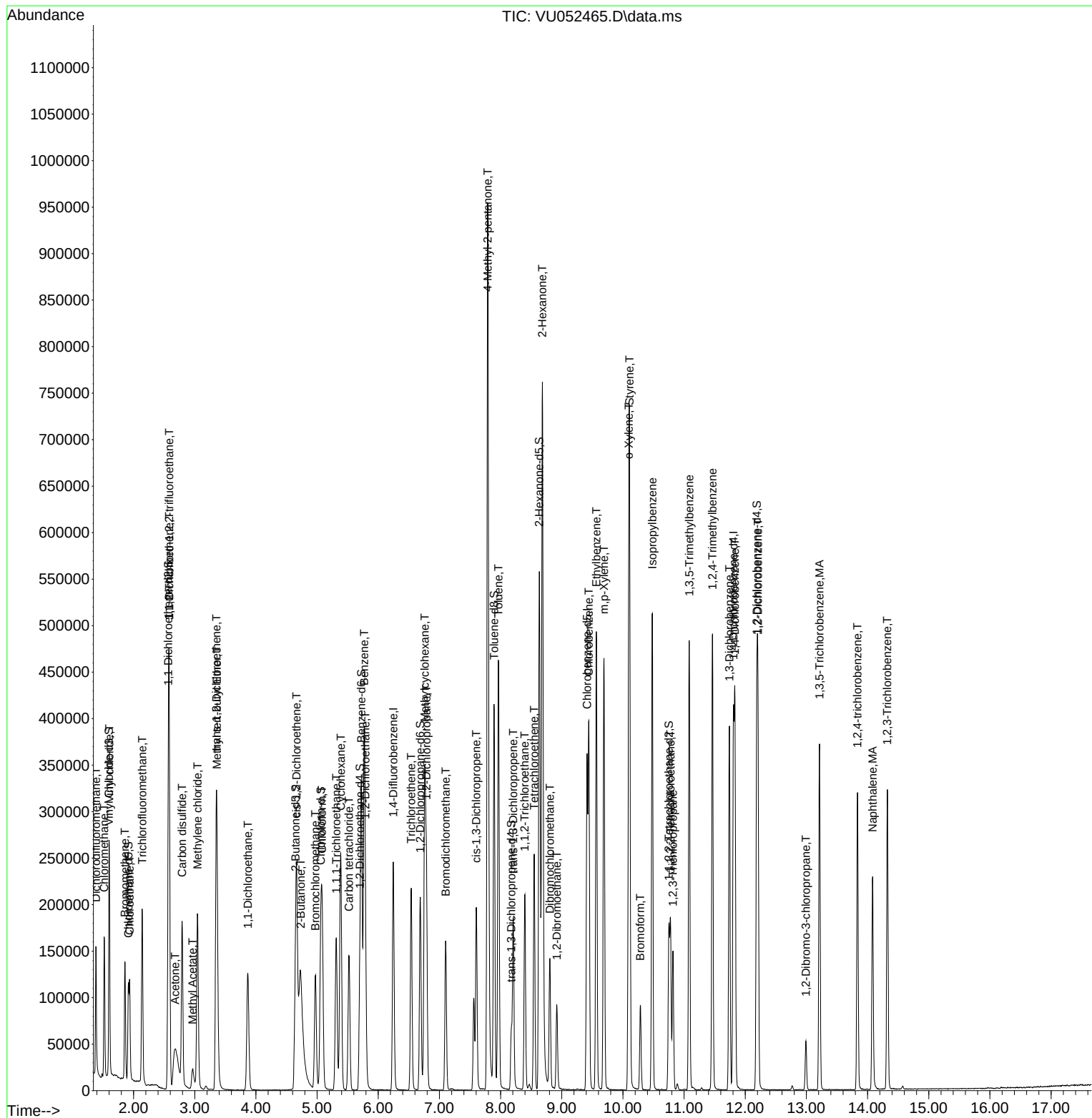
Instrument :
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 ClientSampleId :
 VICV079

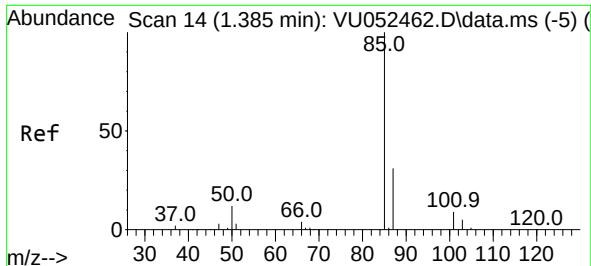
Quant Time: Dec 21 03:45:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122022WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 21 03:39:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.790	62	102950	4.807	ug/L	99
29) 1,1,1-Trichloroethane	5.314	97	114561	5.009	ug/L	99
30) Cyclohexane	5.388	56	124210	5.026	ug/L	100
31) Carbon tetrachloride	5.520	117	97421	4.847	ug/L	99
33) Benzene	5.771	78	330719	5.053	ug/L	100
34) Trichloroethene	6.539	95	75486	4.933	ug/L	97
35) Methylcyclohexane	6.761	83	118115	5.119	ug/L	98
37) 1,2-Dichloropropane	6.787	63	92865	5.085	ug/L	100
38) Bromodichloromethane	7.102	83	107706	4.845	ug/L	100
39) cis-1,3-Dichloropropene	7.604	75	115970	5.013	ug/L	100
40) 4-Methyl-2-pentanone	7.790	43	704024	52.750	ug/L	98
42) Toluene	7.967	91	328221	5.230	ug/L	100
44) trans-1,3-Dichloropropene	8.208	75	105522	5.177	ug/L	97
45) 1,1,2-Trichloroethane	8.395	97	63032	4.873	ug/L	98
47) Tetrachloroethene	8.549	164	53622	5.021	ug/L	98
48) 2-Hexanone	8.684	43	536731	53.351	ug/L	99
49) Dibromochloromethane	8.806	129	69443	5.070	ug/L	96
50) 1,2-Dibromoethane	8.919	107	59117	5.027	ug/L #	97
51) Chlorobenzene	9.443	112	198056	4.942	ug/L	99
52) Ethylbenzene	9.565	91	330693	5.092	ug/L	100
53) m,p-Xylene	9.690	106	126411	5.279	ug/L	97
54) o-Xylene	10.095	106	120621	5.254	ug/L	98
55) Styrene	10.108	104	215817	5.404	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.777	83	91031	5.091	ug/L	97
59) Bromoform	10.285	173	39954	4.808	ug/L	97
60) Isopropylbenzene	10.481	105	315404	5.145	ug/L	99
61) 1,2,3-Trichloropropane	10.819	75	63664	4.693	ug/L	99
62) 1,3,5-Trimethylbenzene	11.086	105	253784	5.019	ug/L	100
63) 1,2,4-Trimethylbenzene	11.465	105	260196	5.112	ug/L	99
64) 1,3-Dichlorobenzene	11.742	146	152663	5.019	ug/L	99
65) 1,4-Dichlorobenzene	11.832	146	151895	4.829	ug/L	98
67) 1,2-Dichlorobenzene	12.208	146	146411	4.871	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.992	75	14455	4.707	ug/L	89
69) 1,3,5-Trichlorobenzene	13.214	180	109564	4.892	ug/L	99
70) 1,2,4-trichlorobenzene	13.835	180	92069	4.885	ug/L	99
71) Naphthalene	14.082	128	178751	4.687	ug/L	99
72) 1,2,3-Trichlorobenzene	14.324	180	92420	4.892	ug/L	99

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

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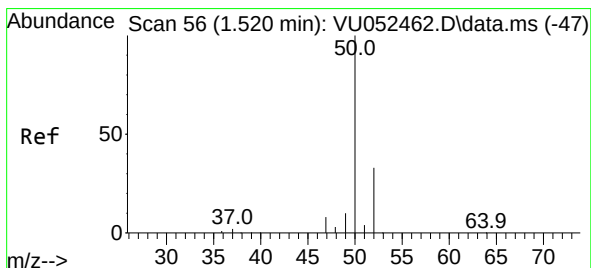
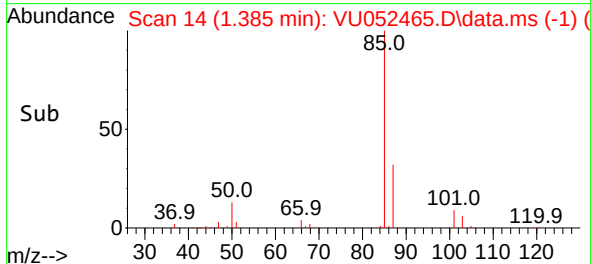
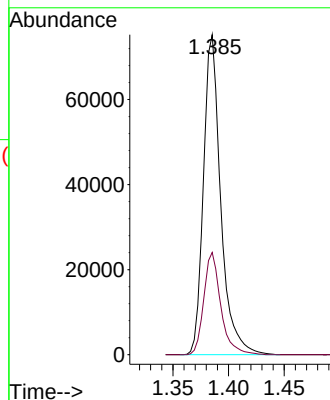
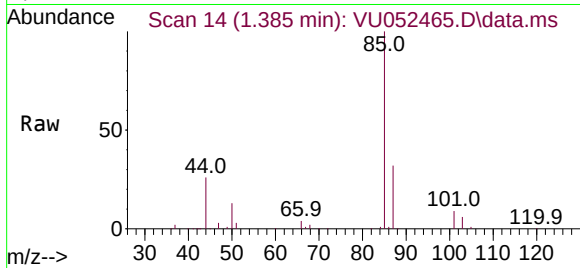




#2
Dichlorodifluoromethane
Concen: 4.787 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

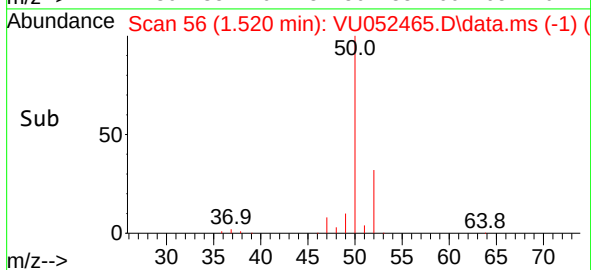
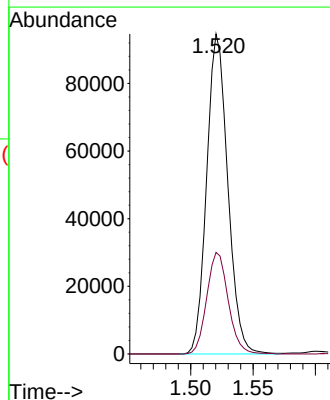
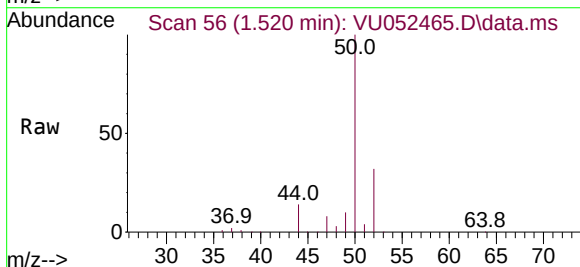
Instrument :
MSVOA_U
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VICV079

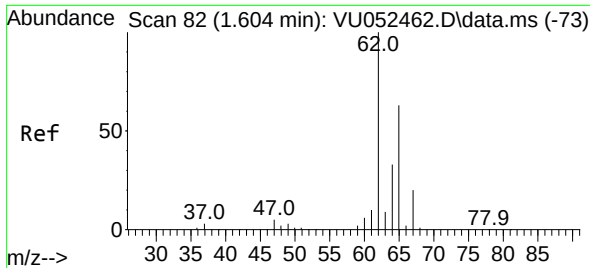
Tgt Ion: 85 Resp: 81175
Ion Ratio Lower Upper
85 100
87 31.4 25.6 38.4



#3
Chloromethane
Concen: 4.557 ug/L
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion: 50 Resp: 111539
Ion Ratio Lower Upper
50 100
52 31.8 23.0 42.6

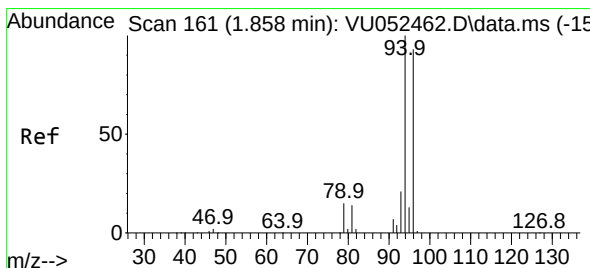
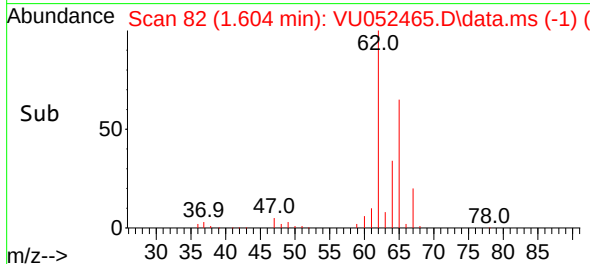
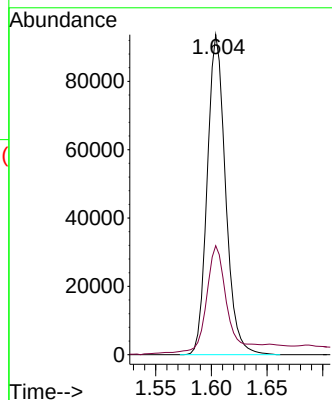
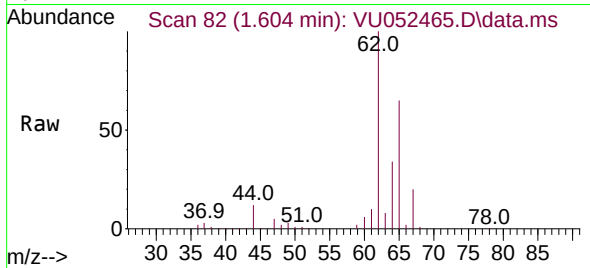




#5
 Vinyl chloride
 Concen: 4.830 ug/L
 RT: 1.604 min Scan# 82
 Delta R.T. 0.000 min
 Lab File: VU052465.D
 Acq: 20 Dec 2022 18:19

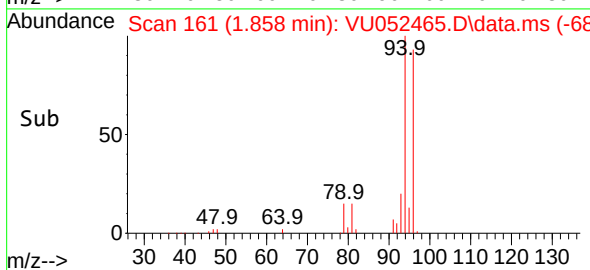
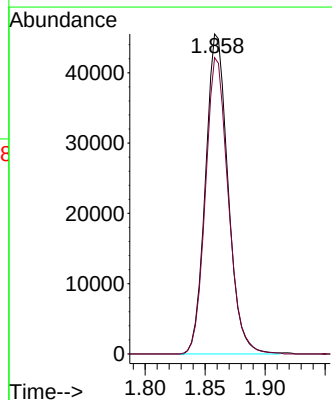
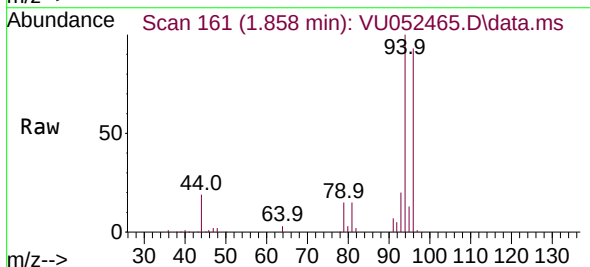
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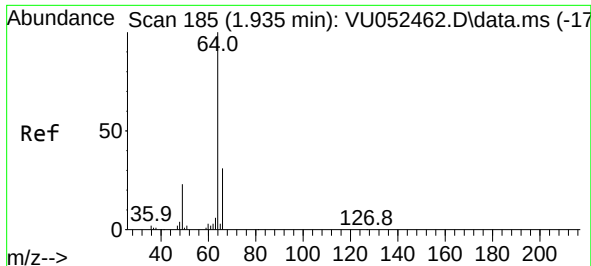
Tgt Ion: 62 Resp: 107181
 Ion Ratio Lower Upper
 62 100
 64 34.1 24.4 45.4



#6
 Bromomethane
 Concen: 4.711 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.000 min
 Lab File: VU052465.D
 Acq: 20 Dec 2022 18:19

Tgt Ion: 94 Resp: 59595
 Ion Ratio Lower Upper
 94 100
 96 92.6 65.0 120.8

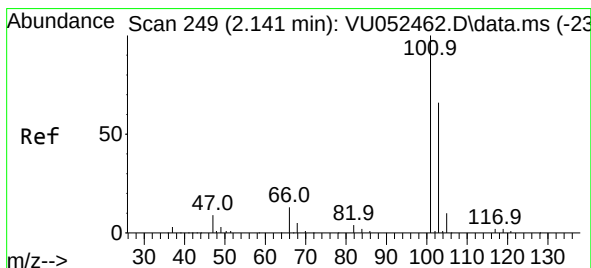
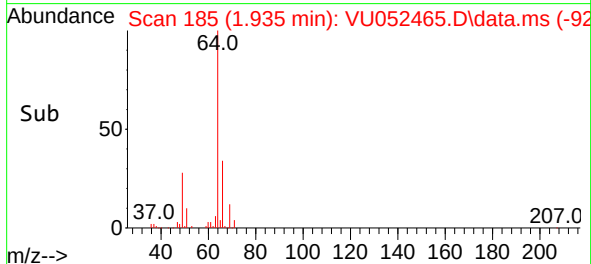
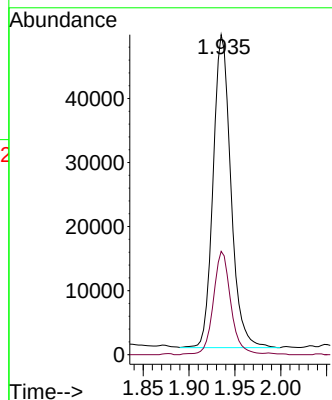
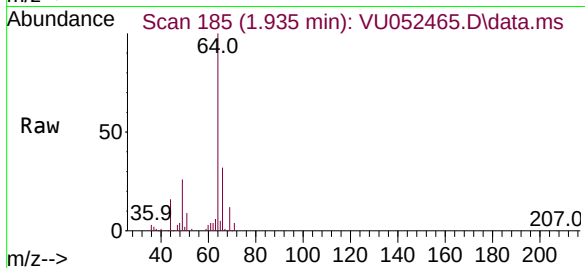




#8
Chloroethane
Concen: 4.331 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

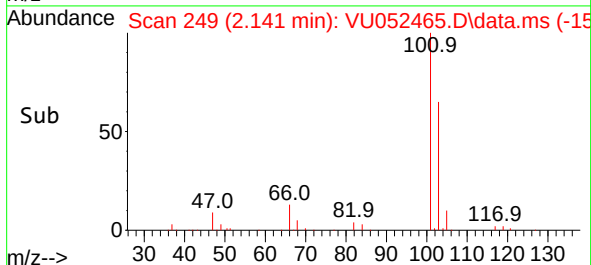
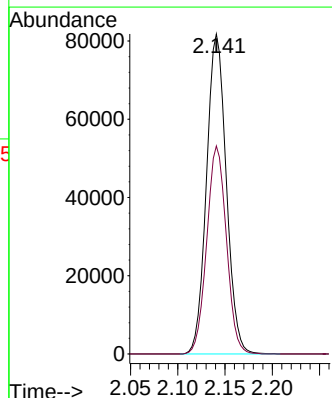
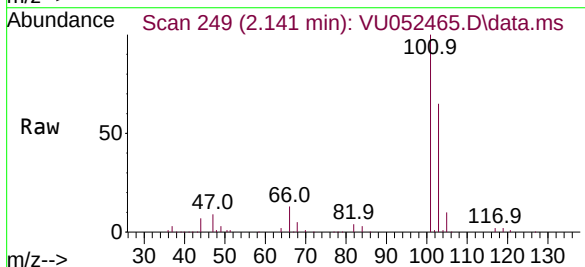
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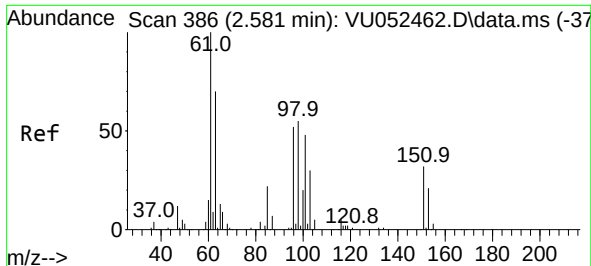
Tgt Ion: 64 Resp: 65816
Ion Ratio Lower Upper
64 100
66 32.3 21.3 39.5



#9
Trichlorofluoromethane
Concen: 4.740 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion: 101 Resp: 118915
Ion Ratio Lower Upper
101 100
103 64.5 52.0 78.0

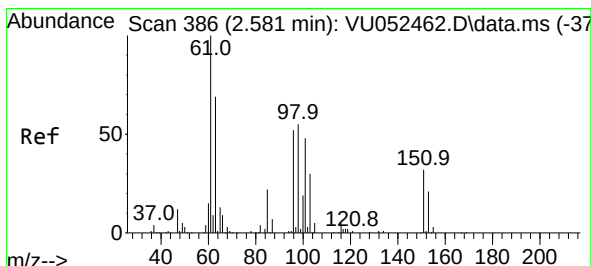
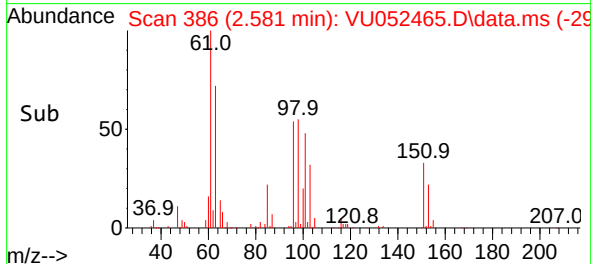
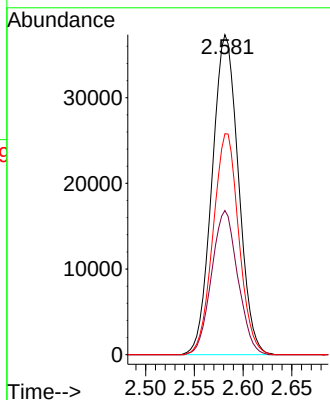
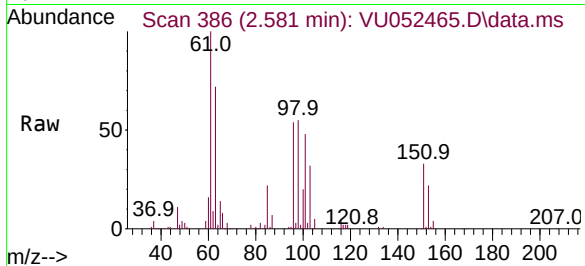




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.718 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052465.D
 Acq: 20 Dec 2022 18:19

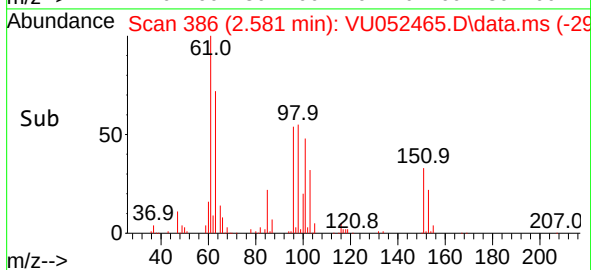
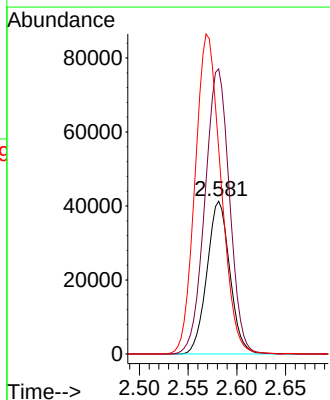
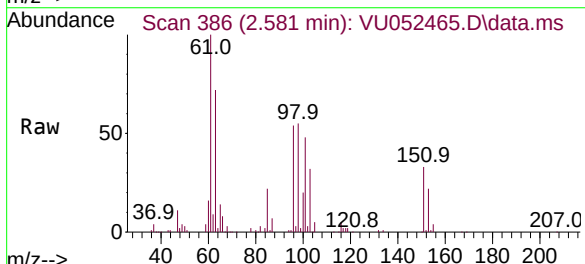
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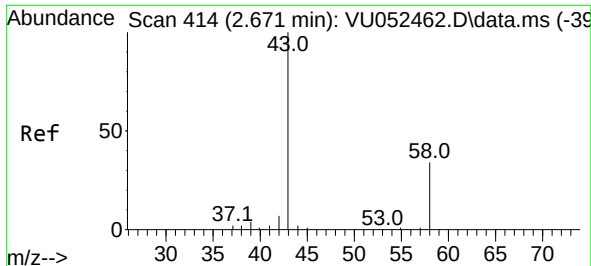
Tgt Ion:101 Resp: 70358
 Ion Ratio Lower Upper
 101 100
 85 44.7 35.8 53.6
 151 67.5 53.6 80.4



#12
 1,1-Dichloroethene
 Concen: 4.717 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU052465.D
 Acq: 20 Dec 2022 18:19

Tgt Ion: 96 Resp: 67330
 Ion Ratio Lower Upper
 96 100
 61 186.6 135.4 251.4
 63 134.5 95.4 177.2





#13

Acetone

Concen: 42.250 ug/L

RT: 2.681 min Scan# 41

Delta R.T. 0.010 min

Lab File: VU052465.D

Acq: 20 Dec 2022 18:19

Instrument :

MSVOA_U

ClientSampleId :

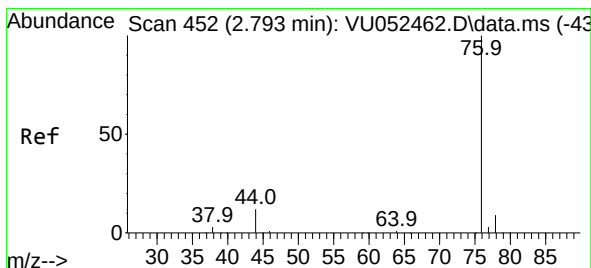
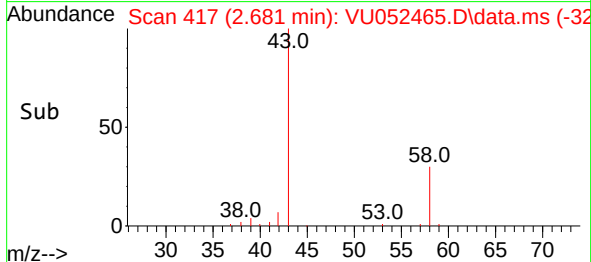
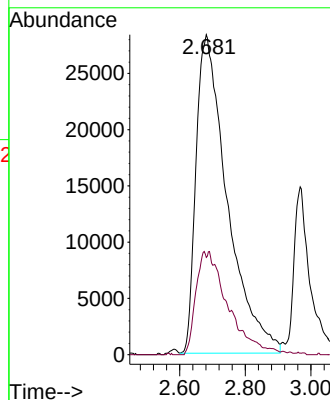
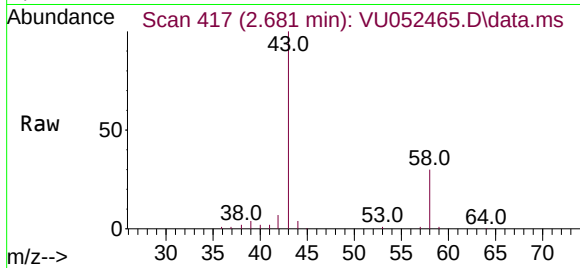
VICV079

Tgt Ion: 43 Resp: 186487

Ion Ratio Lower Upper

43 100

58 11.0 0.0 65.4



#14

Carbon disulfide

Concen: 4.805 ug/L

RT: 2.794 min Scan# 452

Delta R.T. 0.000 min

Lab File: VU052465.D

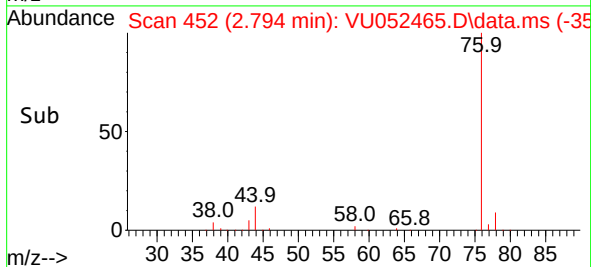
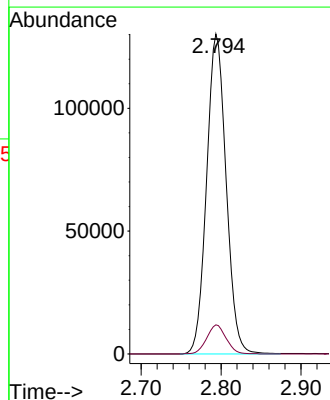
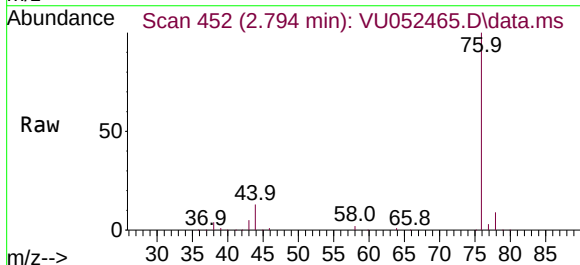
Acq: 20 Dec 2022 18:19

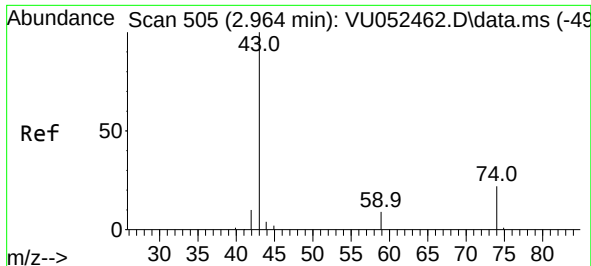
Tgt Ion: 76 Resp: 221005

Ion Ratio Lower Upper

76 100

78 9.1 7.1 10.7

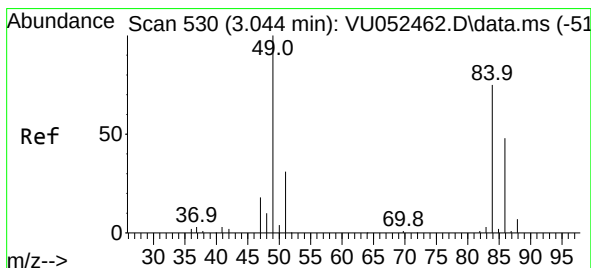
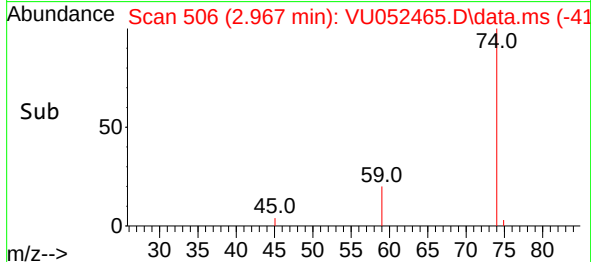
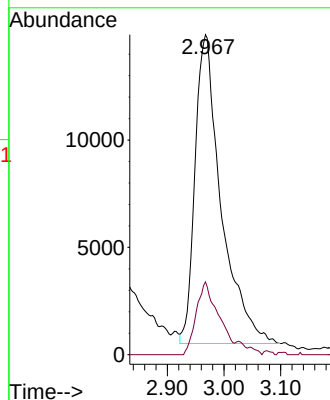
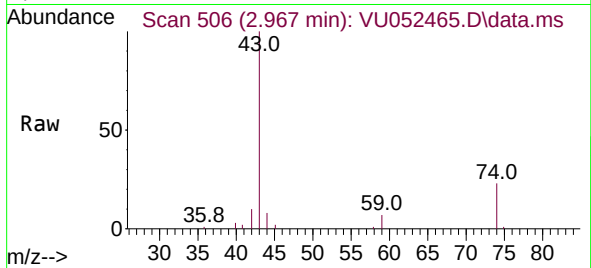




#15
Methyl Acetate
Concen: 4.729 ug/L
RT: 2.967 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

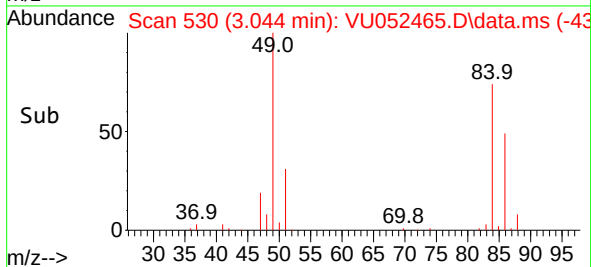
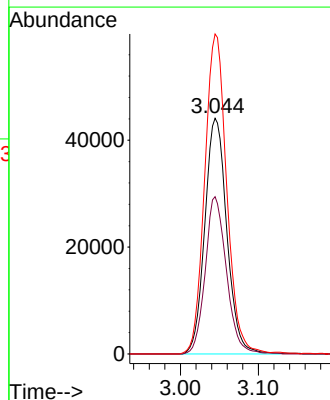
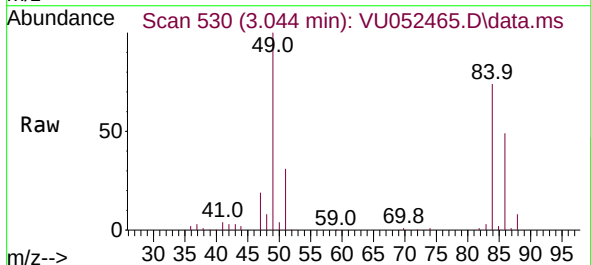
Instrument :
MSVOA_U
ClientSampleId :
VICV079

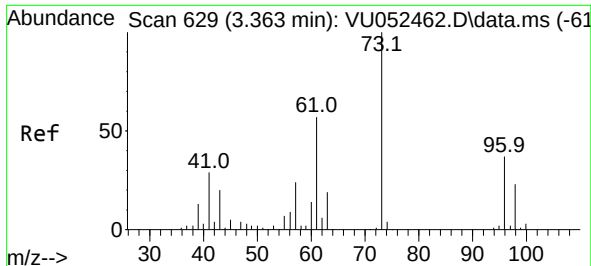
Tgt Ion: 43 Resp: 45987
Ion Ratio Lower Upper
43 100
74 20.1 16.9 25.3



#16
Methylene chloride
Concen: 4.302 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion: 84 Resp: 86739
Ion Ratio Lower Upper
84 100
86 66.8 44.7 83.1
49 135.8 93.3 173.3





#17

Methyl tert-butyl Ether

Concen: 4.794 ug/L

RT: 3.363 min Scan# 61

Delta R.T. 0.000 min

Lab File: VU052465.D

Acq: 20 Dec 2022 18:19

Instrument :

MSVOA_U

ClientSampleId :

VICV079

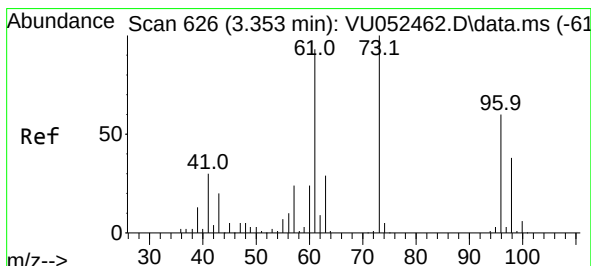
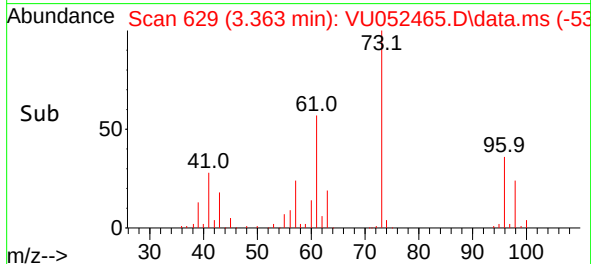
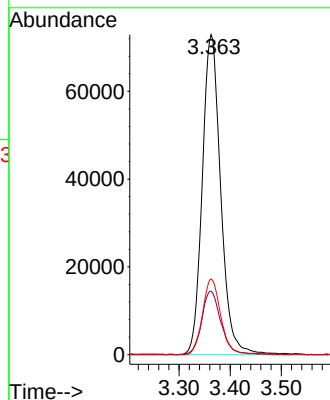
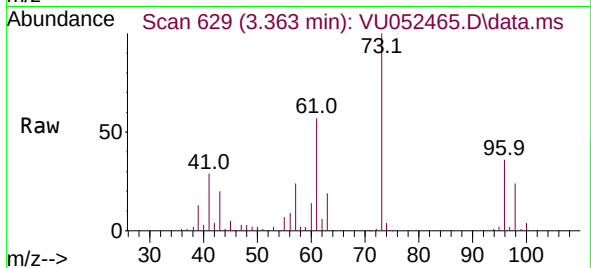
Tgt Ion: 73 Resp: 182667

Ion Ratio Lower Upper

73 100

43 20.6 16.1 24.1

57 23.5 19.2 28.8



#18

trans-1,2-Dichloroethene

Concen: 4.903 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.000 min

Lab File: VU052465.D

Acq: 20 Dec 2022 18:19

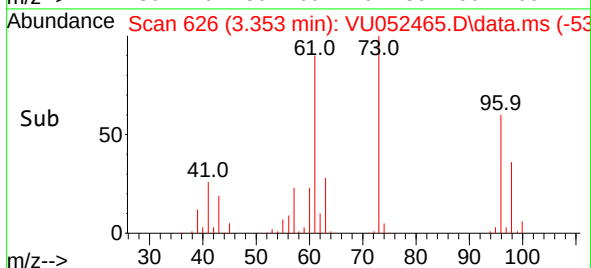
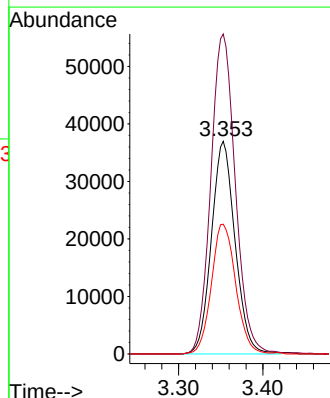
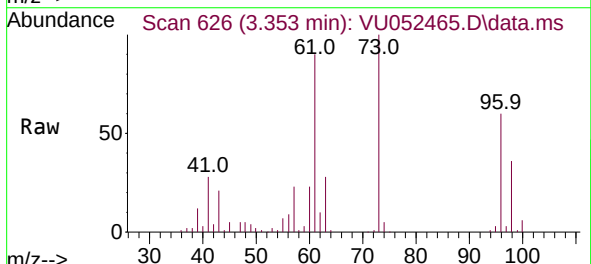
Tgt Ion: 96 Resp: 72129

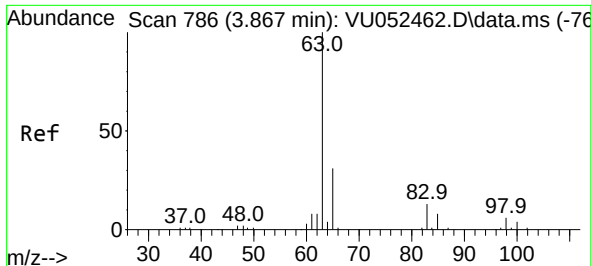
Ion Ratio Lower Upper

96 100

61 150.5 108.3 201.1

98 61.0 44.0 81.6





#19

1,1-Dichloroethane

Concen: 4.730 ug/L

RT: 3.867 min Scan# 71

Delta R.T. 0.000 min

Lab File: VU052465.D

Acq: 20 Dec 2022 18:19

Instrument :

MSVOA_U

ClientSampleId :

VICV079

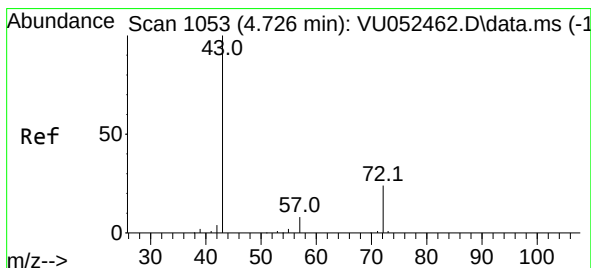
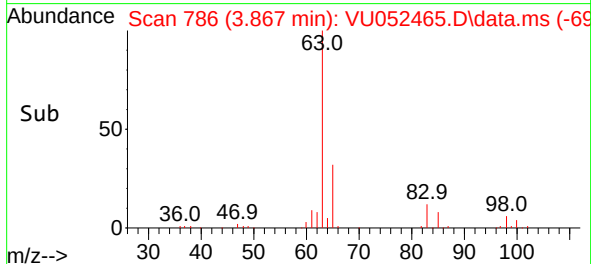
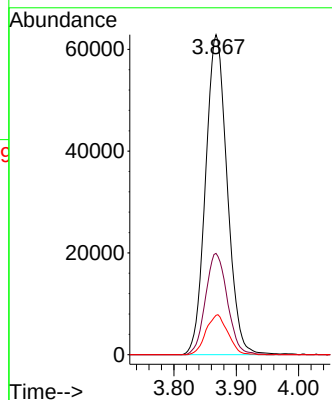
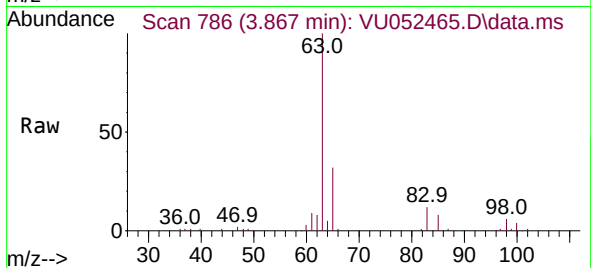
Tgt Ion: 63 Resp: 151324

Ion Ratio Lower Upper

63 100

65 31.6 22.0 40.8

83 12.3 9.0 16.8



#21

2-Butanone

Concen: 47.892 ug/L

RT: 4.732 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VU052465.D

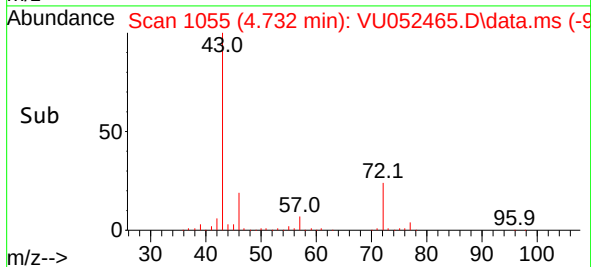
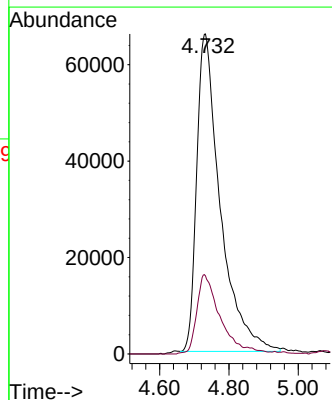
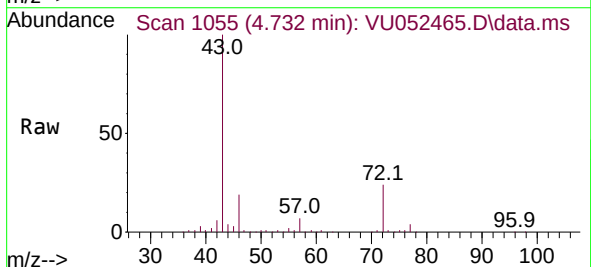
Acq: 20 Dec 2022 18:19

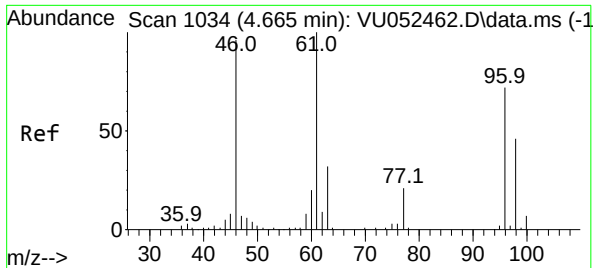
Tgt Ion: 43 Resp: 311326

Ion Ratio Lower Upper

43 100

72 23.7 11.6 34.7



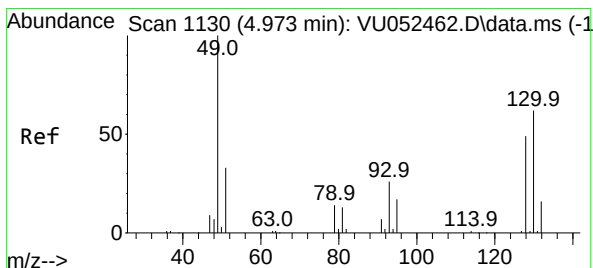
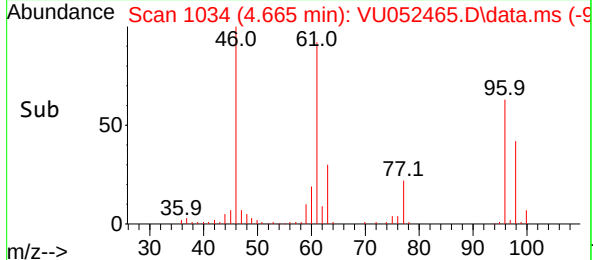
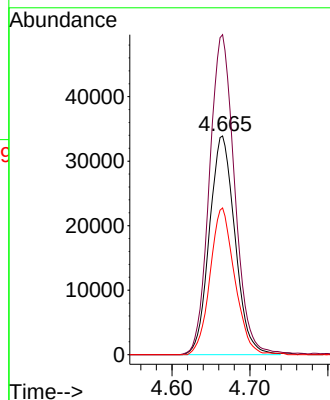
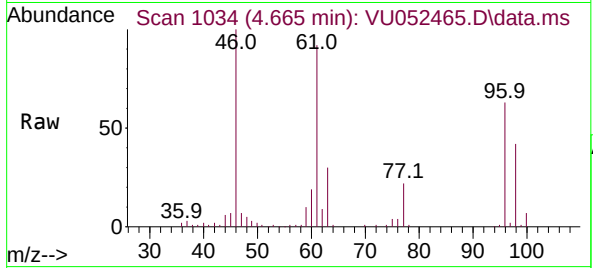


#22
 cis-1,2-Dichloroethene
 Concen: 4.788 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU052465.D
 Acq: 20 Dec 2022 18:19

Instrument :
 MSVOA_U
 ClientSampleId :
 VICV079

Tgt Ion: 96 Resp: 77297

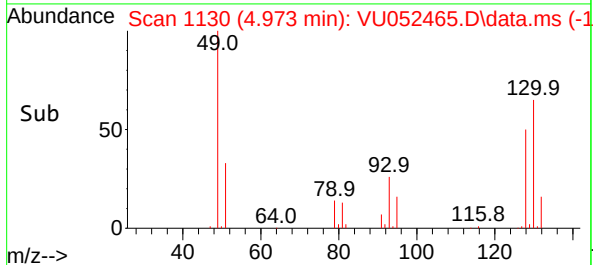
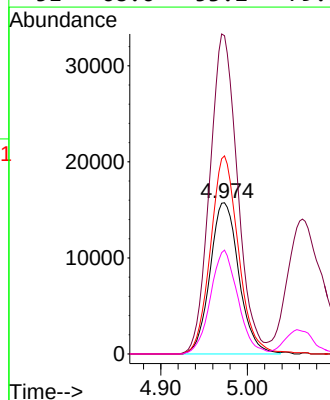
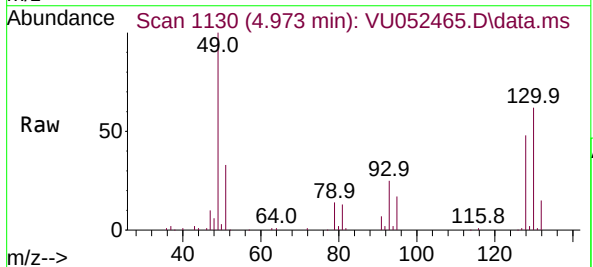
Ion	Ratio	Lower	Upper
96	100		
61	146.3	96.9	180.1
98	67.1	44.7	83.1

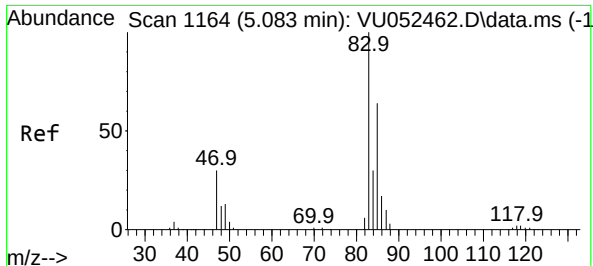


#23
 Bromochloromethane
 Concen: 4.861 ug/L
 RT: 4.973 min Scan# 1130
 Delta R.T. 0.000 min
 Lab File: VU052465.D
 Acq: 20 Dec 2022 18:19

Tgt Ion: 128 Resp: 36370

Ion	Ratio	Lower	Upper
128	100		
49	210.4	143.3	266.1
130	131.0	88.4	164.2
51	68.6	53.2	79.8





#25

Chloroform

Concen: 4.706 ug/L

RT: 5.083 min Scan# 1164

Delta R.T. 0.000 min

Lab File: VU052465.D

Acq: 20 Dec 2022 18:19

Instrument :

MSVOA_U

ClientSampleId :

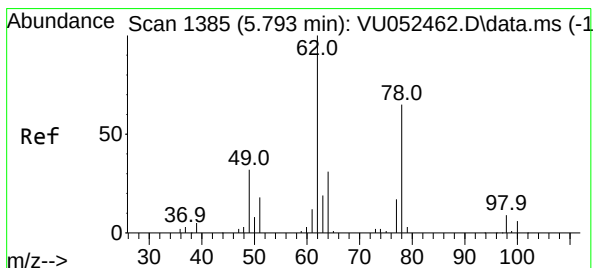
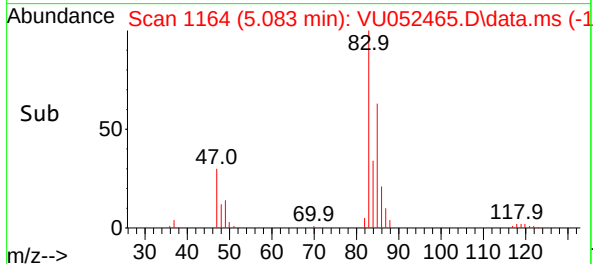
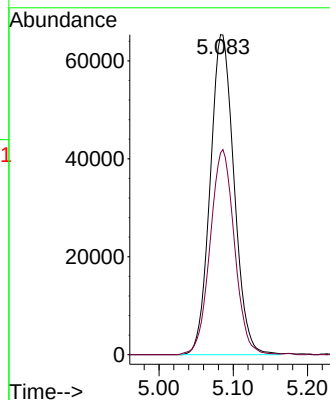
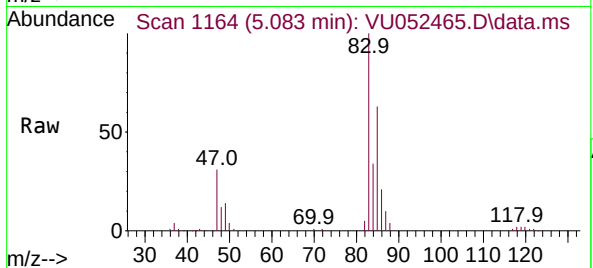
VICV079

Tgt Ion: 83 Resp: 145866

Ion Ratio Lower Upper

83 100

85 63.0 44.7 83.1



#27

1,2-Dichloroethane

Concen: 4.807 ug/L

RT: 5.790 min Scan# 1384

Delta R.T. -0.003 min

Lab File: VU052465.D

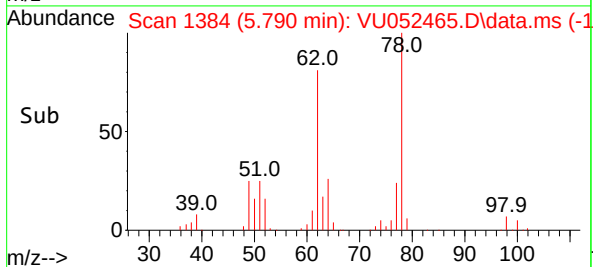
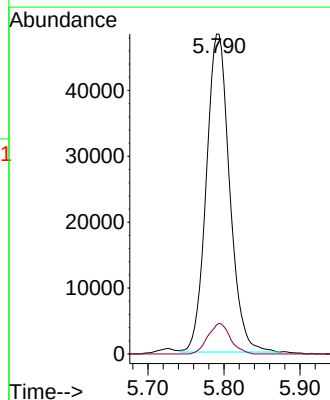
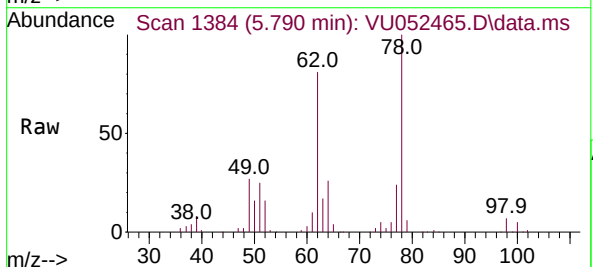
Acq: 20 Dec 2022 18:19

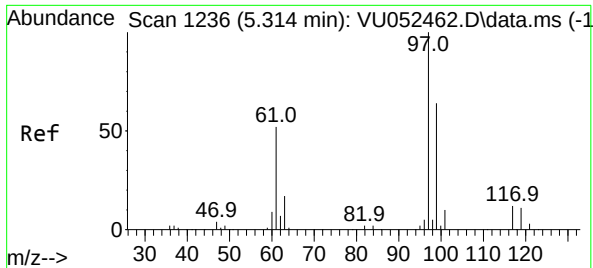
Tgt Ion: 62 Resp: 102950

Ion Ratio Lower Upper

62 100

98 9.0 7.4 11.2





#29

1,1,1-Trichloroethane

Concen: 5.009 ug/L

RT: 5.314 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU052465.D

Acq: 20 Dec 2022 18:19

Instrument :

MSVOA_U

ClientSampleId :

VICV079

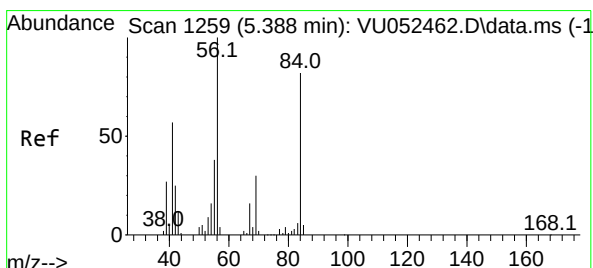
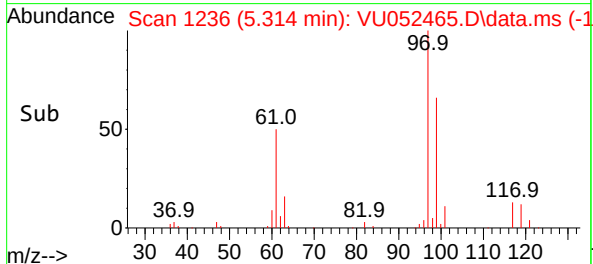
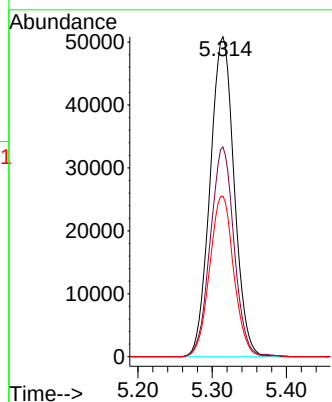
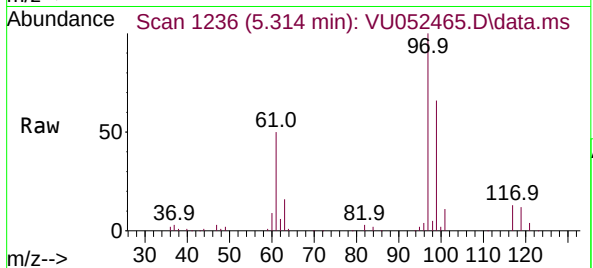
Tgt Ion: 97 Resp: 114561

Ion Ratio Lower Upper

97 100

99 64.8 52.2 78.2

61 50.3 41.6 62.4



#30

Cyclohexane

Concen: 5.026 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VU052465.D

Acq: 20 Dec 2022 18:19

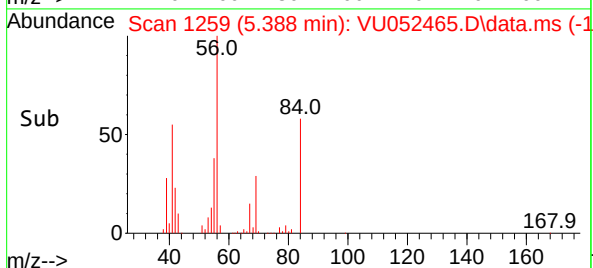
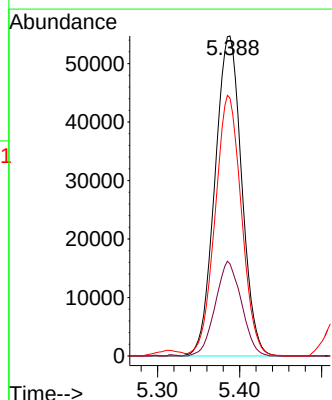
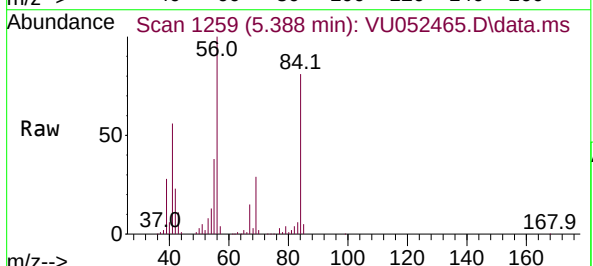
Tgt Ion: 56 Resp: 124210

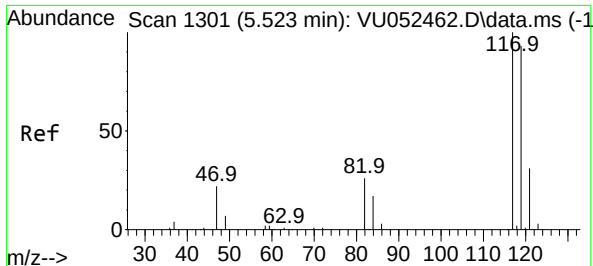
Ion Ratio Lower Upper

56 100

69 28.8 23.0 34.6

84 80.3 64.4 96.6

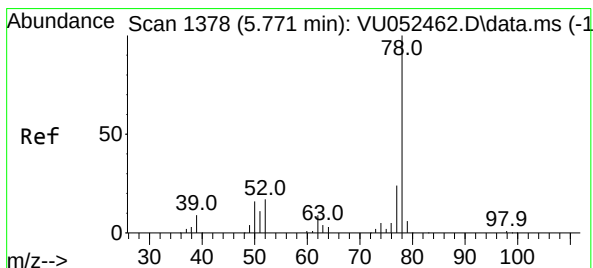
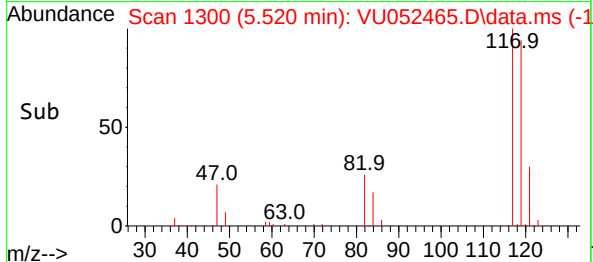
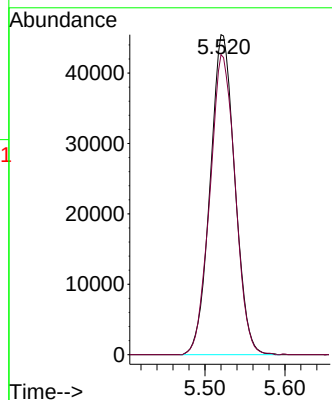
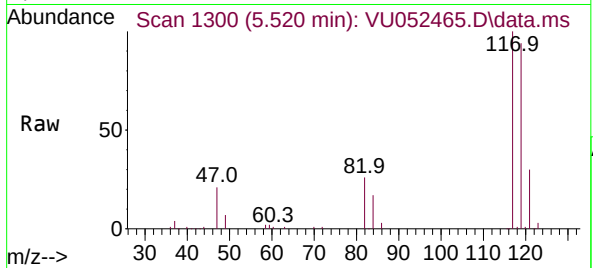




#31
Carbon tetrachloride
Concen: 4.847 ug/L
RT: 5.520 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

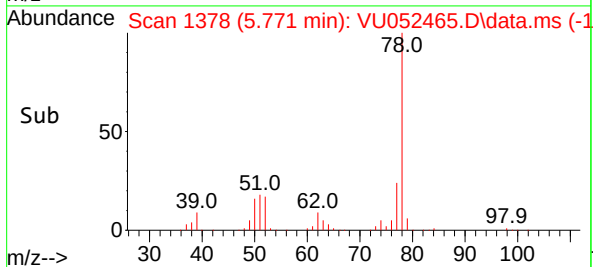
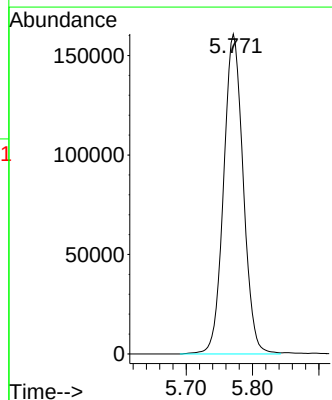
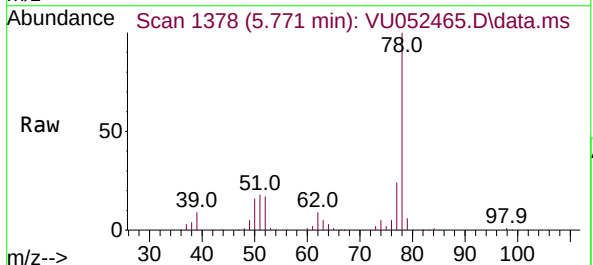
Instrument :
MSVOA_U
ClientSampleId :
VICV079

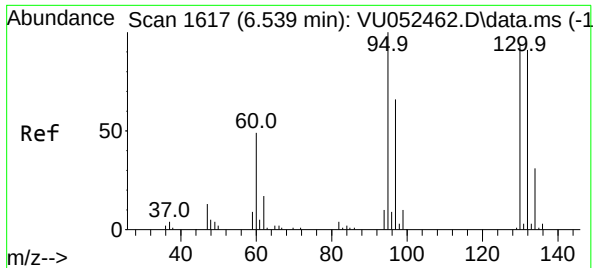
Tgt Ion:117 Resp: 97421
Ion Ratio Lower Upper
117 100
119 96.0 76.3 114.5



#33
Benzene
Concen: 5.053 ug/L
RT: 5.771 min Scan# 1378
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion: 78 Resp: 330719



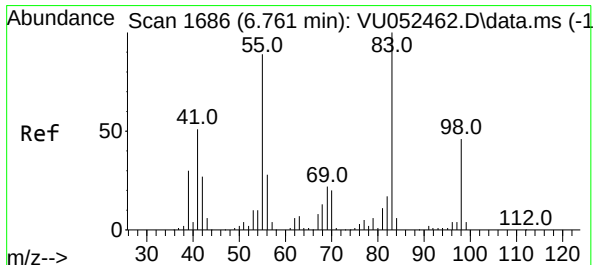
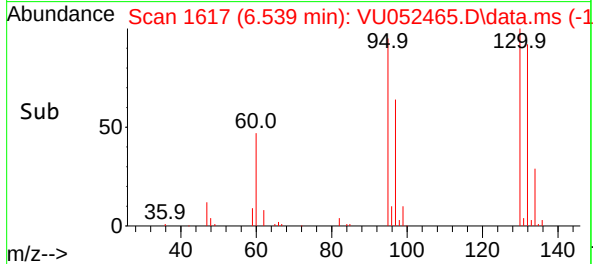
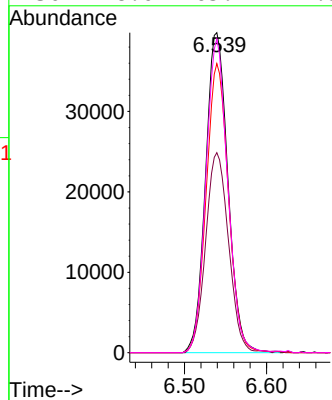
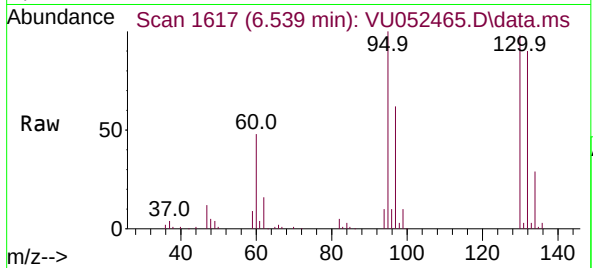


#34
Trichloroethene
Concen: 4.933 ug/L
RT: 6.539 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Instrument :
MSVOA_U
ClientSampleId :
VICV079

Tgt Ion: 95 Resp: 75486

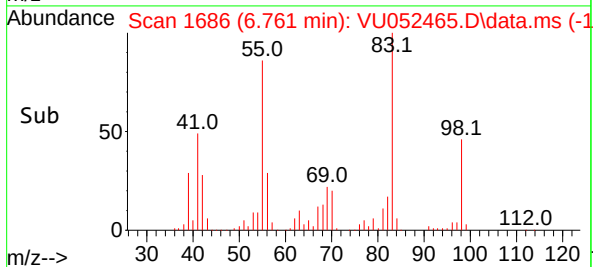
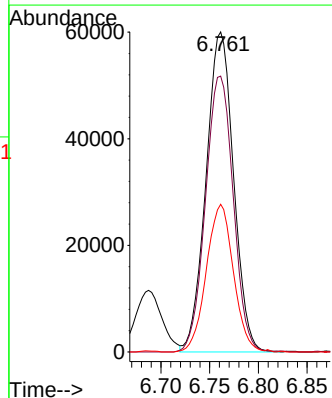
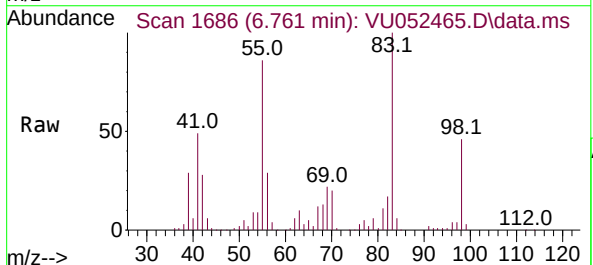
Ion	Ratio	Lower	Upper
95	100		
97	62.5	46.3	86.1
132	90.3	63.9	118.7
130	98.0	65.9	122.5

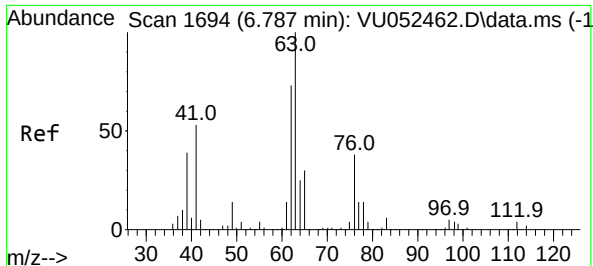


#35
Methylcyclohexane
Concen: 5.119 ug/L
RT: 6.761 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion: 83 Resp: 118115

Ion	Ratio	Lower	Upper
83	100		
55	86.8	71.4	107.0
98	45.4	36.5	54.7

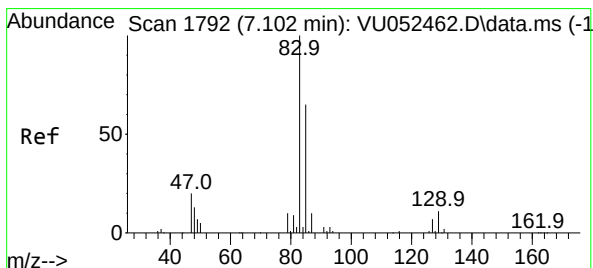
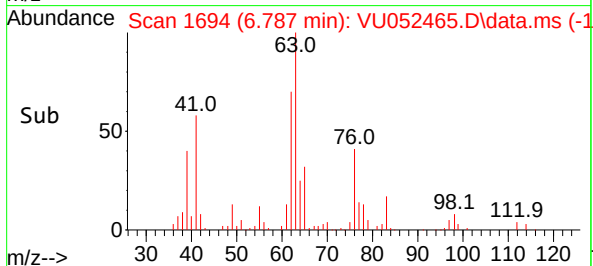
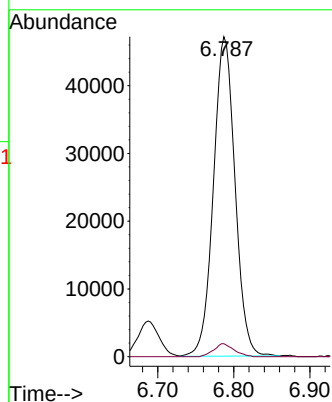
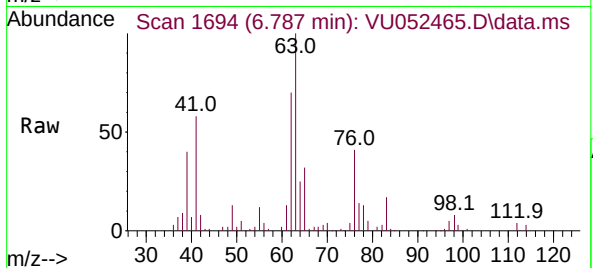




#37
1,2-Dichloropropane
Concen: 5.085 ug/L
RT: 6.787 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

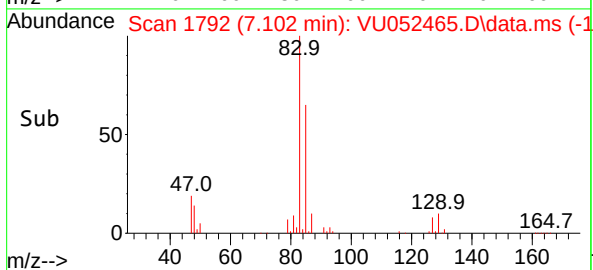
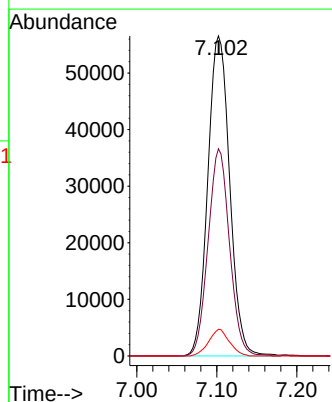
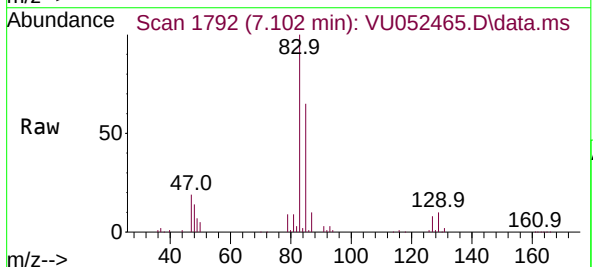
Instrument :
MSVOA_U
ClientSampleId :
VICV079

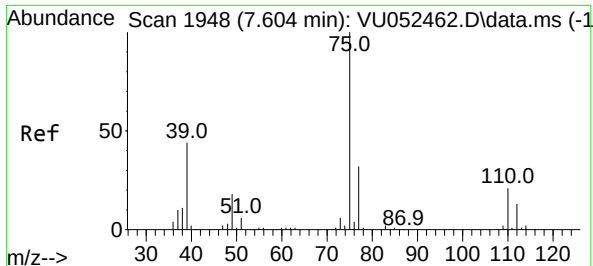
Tgt Ion: 63 Resp: 92865
Ion Ratio Lower Upper
63 100
112 3.8 3.0 4.6



#38
Bromodichloromethane
Concen: 4.845 ug/L
RT: 7.102 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion: 83 Resp: 107706
Ion Ratio Lower Upper
83 100
85 64.7 45.2 84.0
127 8.3 5.8 8.6





#39

cis-1,3-Dichloropropene

Concen: 5.013 ug/L

RT: 7.604 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VU052465.D

Acq: 20 Dec 2022 18:19

Instrument :

MSVOA_U

ClientSampleId :

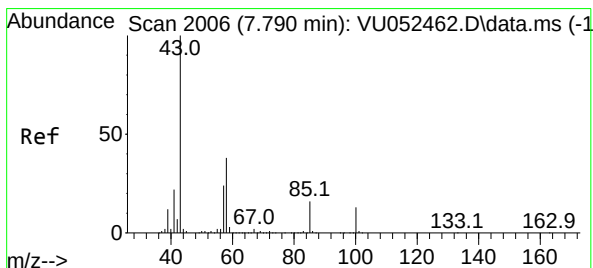
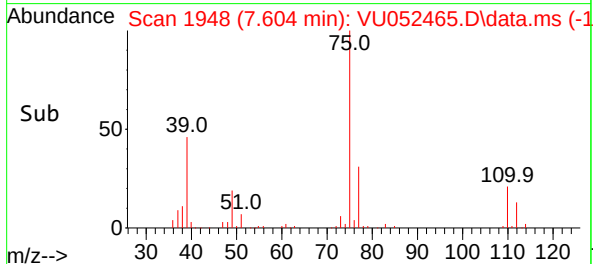
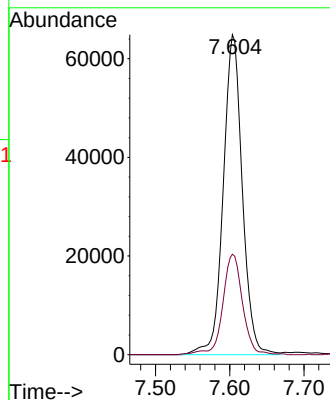
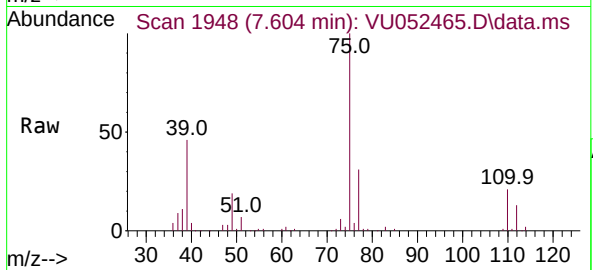
VICV079

Tgt Ion: 75 Resp: 115970

Ion Ratio Lower Upper

75 100

77 31.4 22.0 41.0



#40

4-Methyl-2-pentanone

Concen: 52.750 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VU052465.D

Acq: 20 Dec 2022 18:19

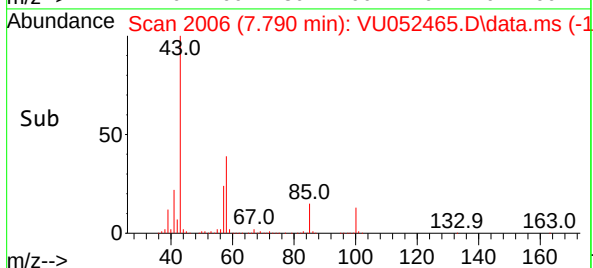
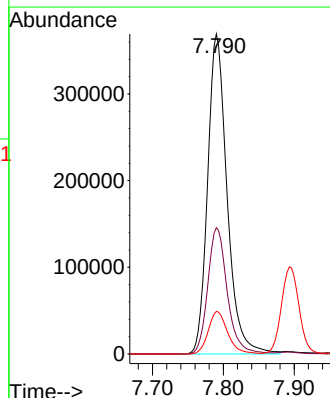
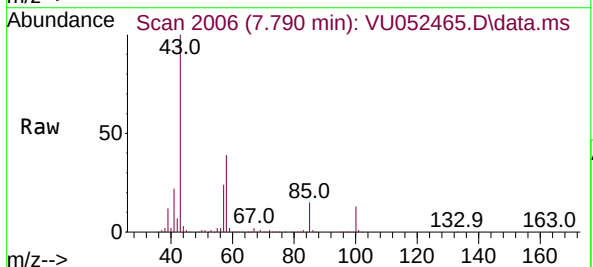
Tgt Ion: 43 Resp: 704024

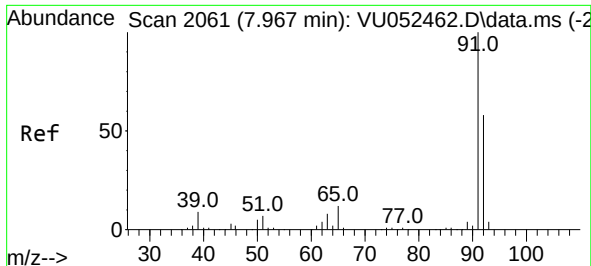
Ion Ratio Lower Upper

43 100

58 39.5 30.6 45.8

100 13.3 10.4 15.6





#42

Toluene

Concen: 5.230 ug/L

RT: 7.967 min Scan# 2061

Delta R.T. 0.000 min

Lab File: VU052465.D

Acq: 20 Dec 2022 18:19

Instrument :

MSVOA_U

ClientSampleId :

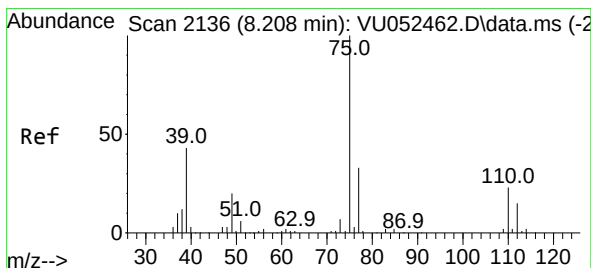
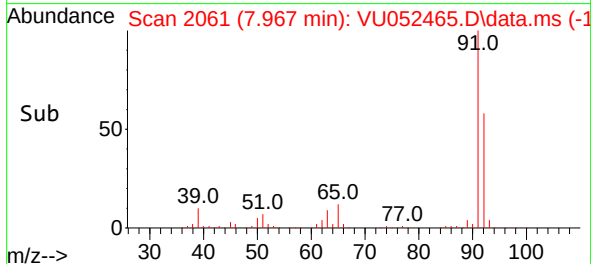
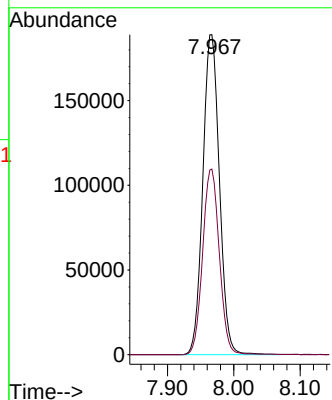
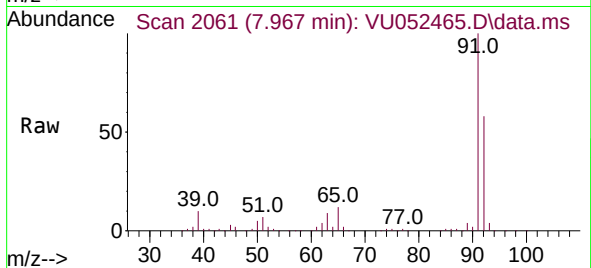
VICV079

Tgt Ion: 91 Resp: 328221

Ion Ratio Lower Upper

91 100

92 58.0 40.6 75.4



#44

trans-1,3-Dichloropropene

Concen: 5.177 ug/L

RT: 8.208 min Scan# 2136

Delta R.T. 0.000 min

Lab File: VU052465.D

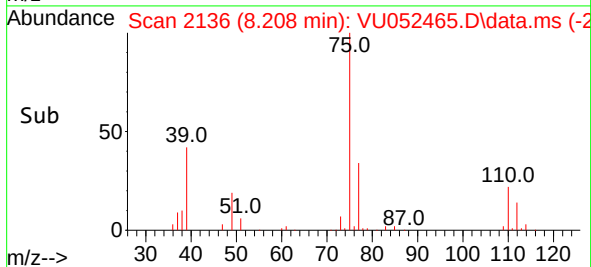
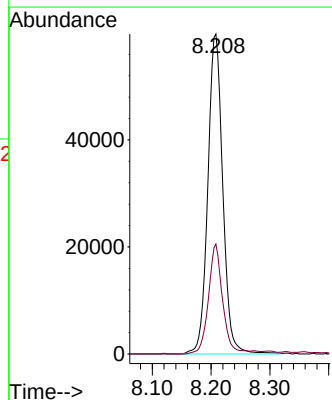
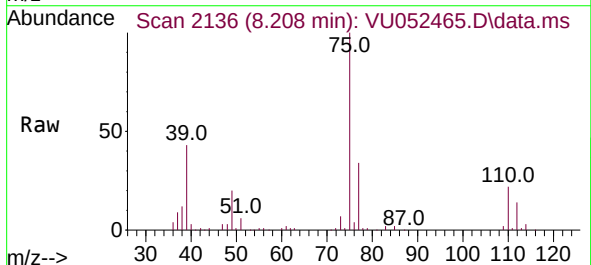
Acq: 20 Dec 2022 18:19

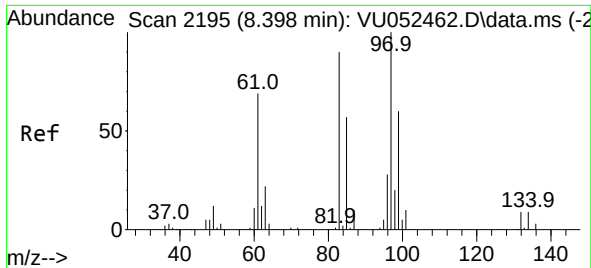
Tgt Ion: 75 Resp: 105522

Ion Ratio Lower Upper

75 100

77 34.3 22.8 42.4



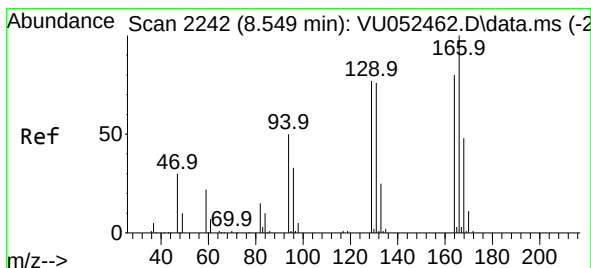
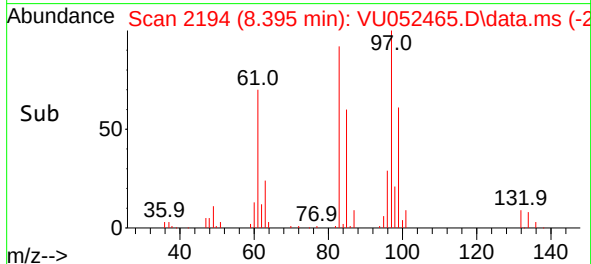
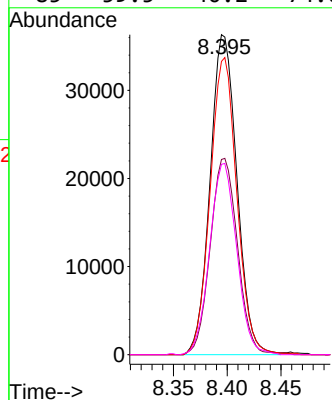
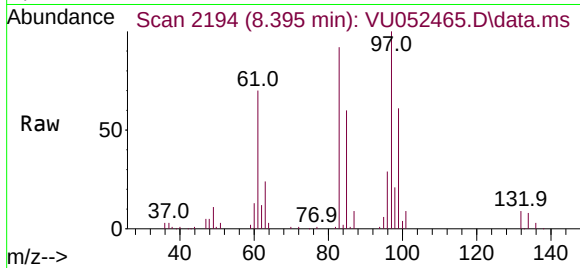


#45
1,1,2-Trichloroethane
Concen: 4.873 ug/L
RT: 8.395 min Scan# 2194
Delta R.T. -0.003 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Instrument :
MSVOA_U
ClientSampleId :
VICV079

Tgt Ion: 97 Resp: 63032

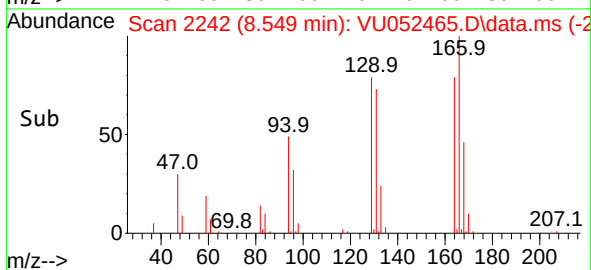
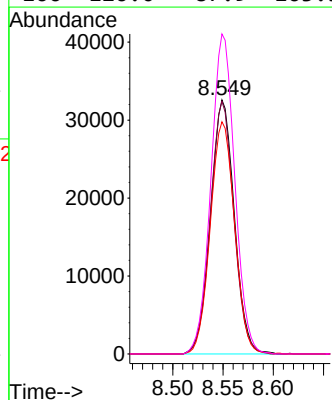
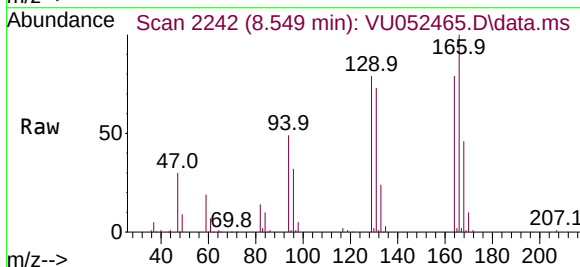
Ion	Ratio	Lower	Upper
97	100		
99	61.0	42.0	78.0
83	91.7	63.2	117.4
85	59.5	40.2	74.6

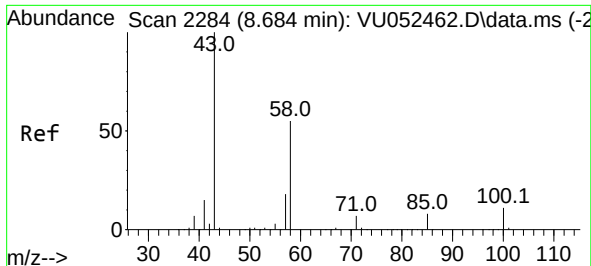


#47
Tetrachloroethene
Concen: 5.021 ug/L
RT: 8.549 min Scan# 2242
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion: 164 Resp: 53622

Ion	Ratio	Lower	Upper
164	100		
129	99.5	68.1	126.5
131	91.4	66.5	123.5
166	126.0	87.9	163.3

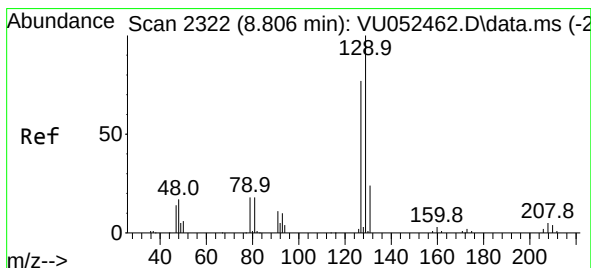
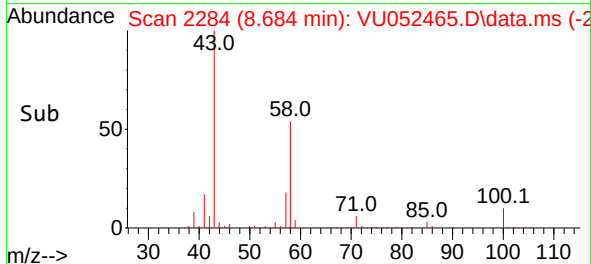
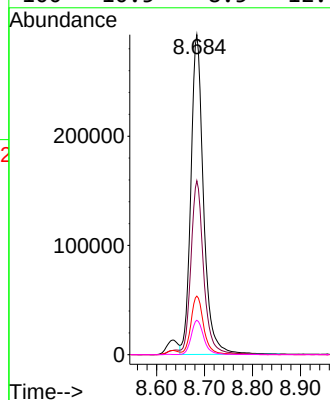
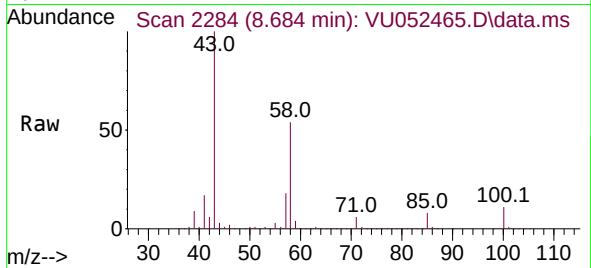




#48
2-Hexanone
Concen: 53.351 ug/L
RT: 8.684 min Scan# 2284
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

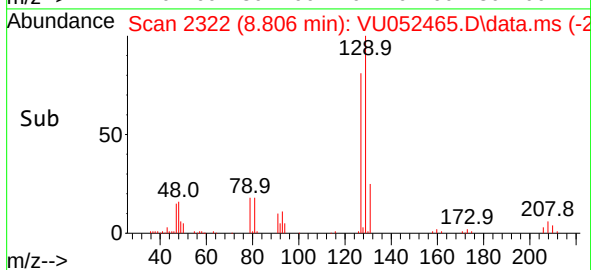
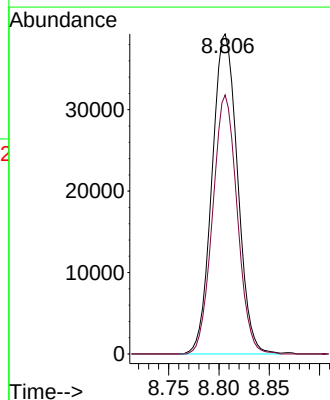
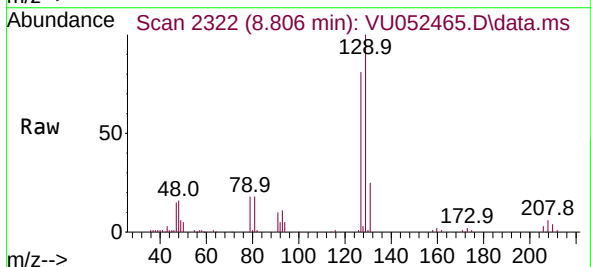
Instrument :
MSVOA_U
ClientSampleId :
VICV079

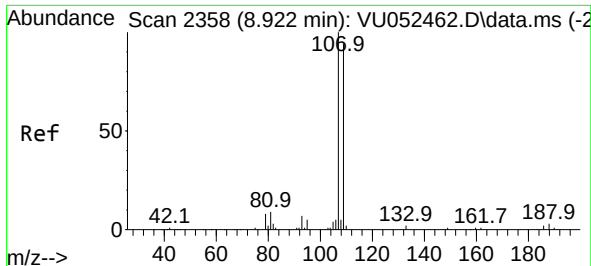
Tgt Ion: 43 Resp: 536731
Ion Ratio Lower Upper
43 100
58 54.3 44.1 66.1
57 18.8 14.6 21.8
100 10.5 8.5 12.7



#49
Dibromochloromethane
Concen: 5.070 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion: 129 Resp: 69443
Ion Ratio Lower Upper
129 100
127 80.9 54.2 100.6

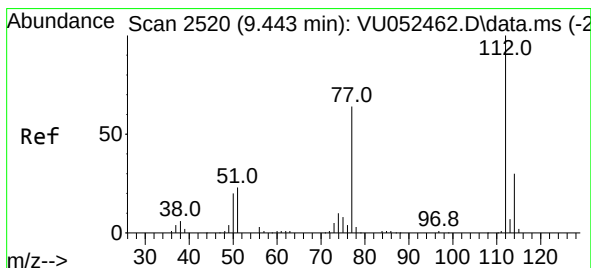
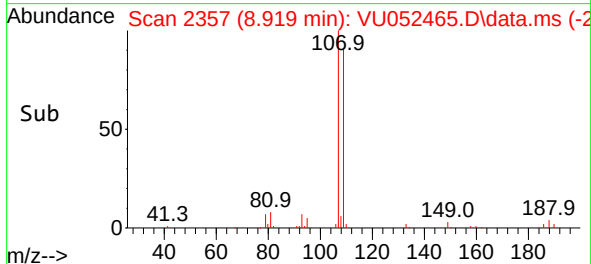
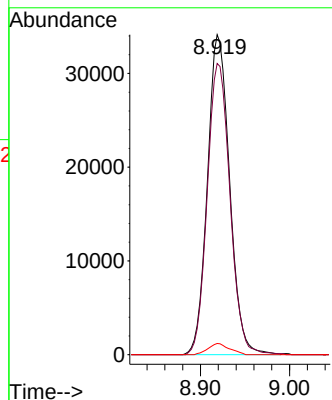
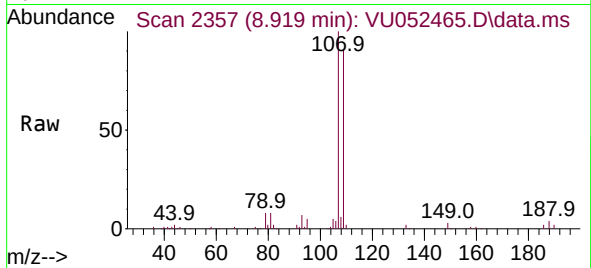




#50
1,2-Dibromoethane
Concen: 5.027 ug/L
RT: 8.919 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

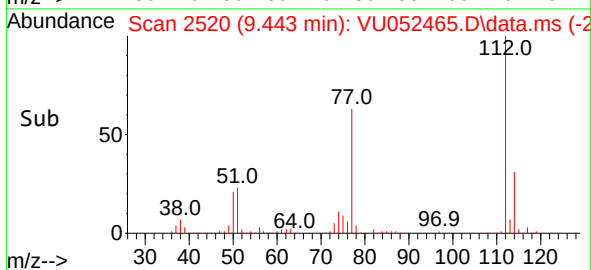
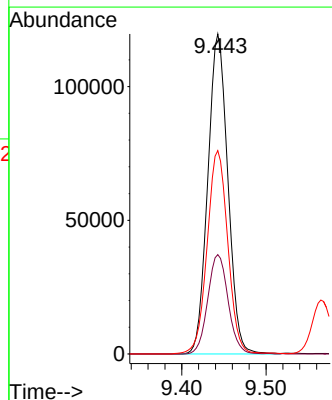
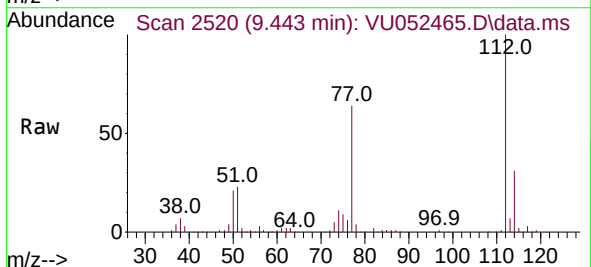
Instrument :
MSVOA_U
ClientSampleId :
VICV079

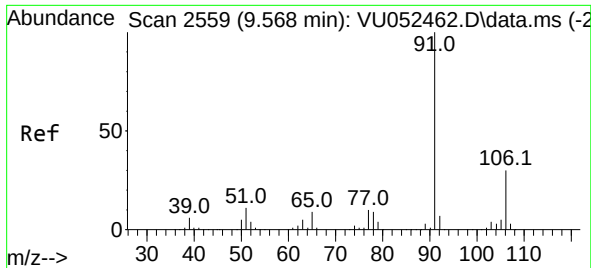
Tgt Ion:107 Resp: 59117
Ion Ratio Lower Upper
107 100
109 91.0 65.8 122.2
188 3.5 2.3 3.5#



#51
Chlorobenzene
Concen: 4.942 ug/L
RT: 9.443 min Scan# 2520
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion:112 Resp: 198056
Ion Ratio Lower Upper
112 100
114 31.1 21.3 39.5
77 63.6 51.0 76.6

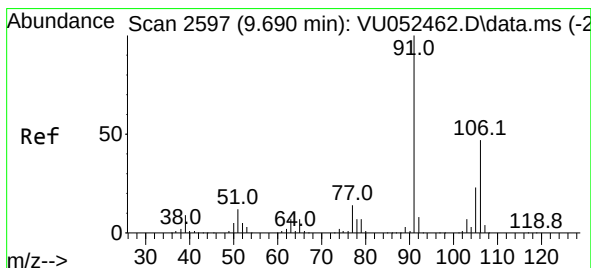
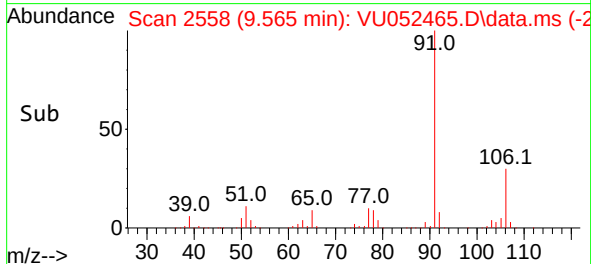
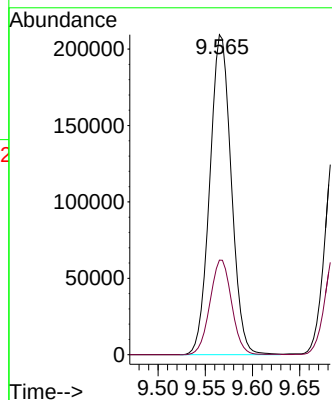
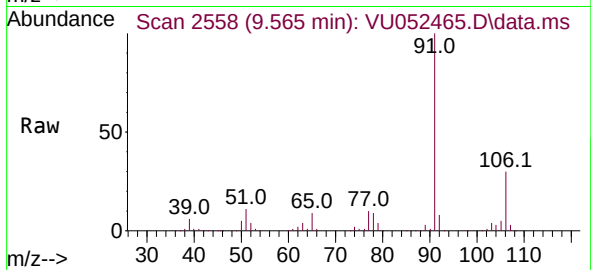




#52
Ethylbenzene
Concen: 5.092 ug/L
RT: 9.565 min Scan# 2558
Delta R.T. -0.003 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

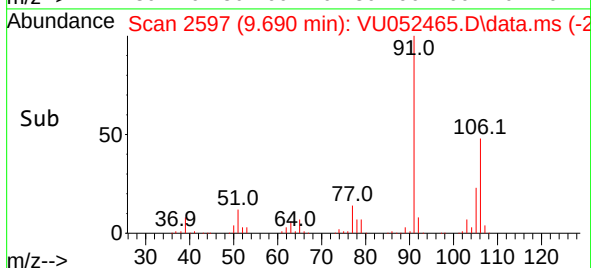
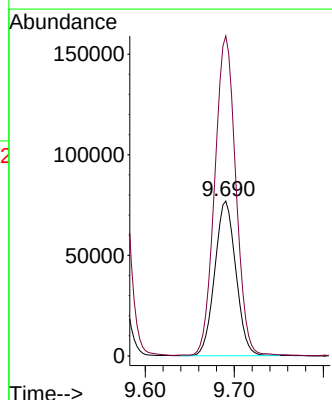
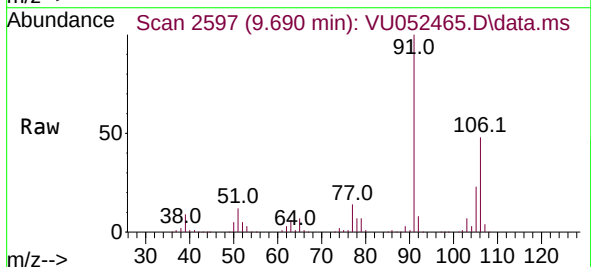
Instrument :
MSVOA_U
ClientSampleId :
VICV079

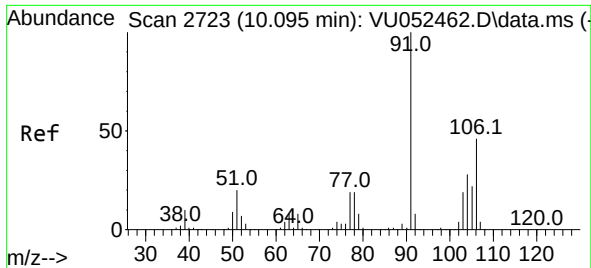
Tgt Ion: 91 Resp: 330693
Ion Ratio Lower Upper
91 100
106 29.6 20.9 38.7



#53
m,p-Xylene
Concen: 5.279 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion: 106 Resp: 126411
Ion Ratio Lower Upper
106 100
91 206.7 148.2 275.2

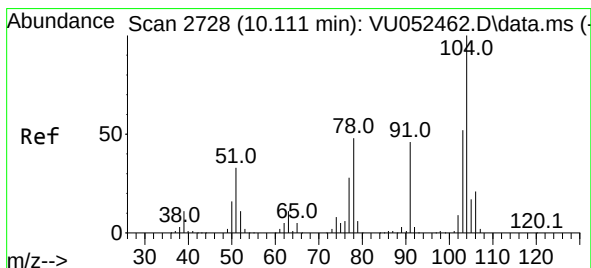
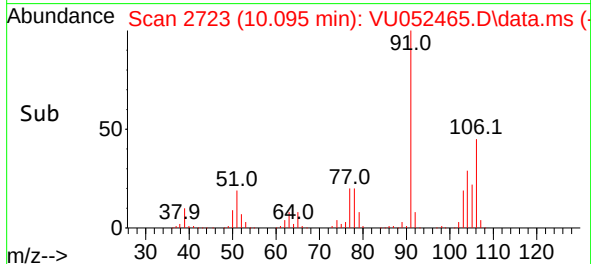
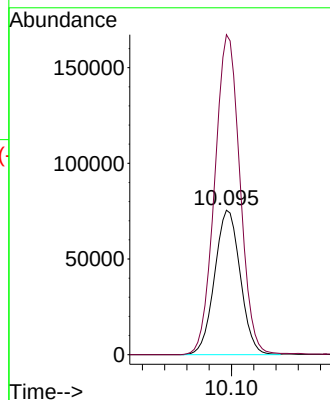
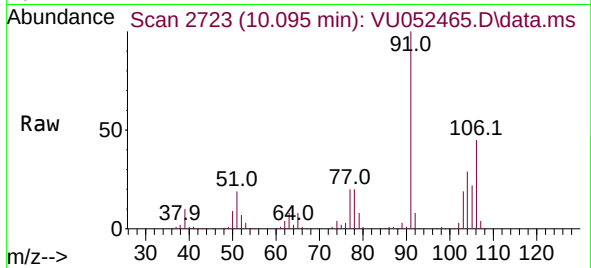




#54
o-Xylene
Concen: 5.254 ug/L
RT: 10.095 min Scan# 2723
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

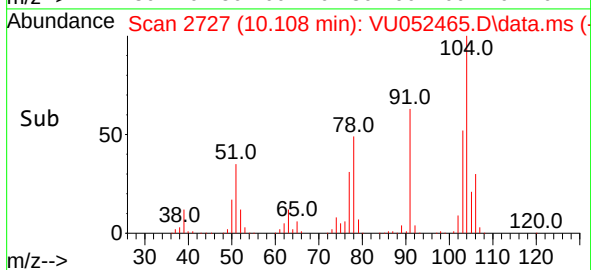
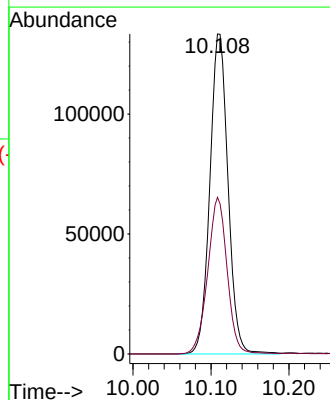
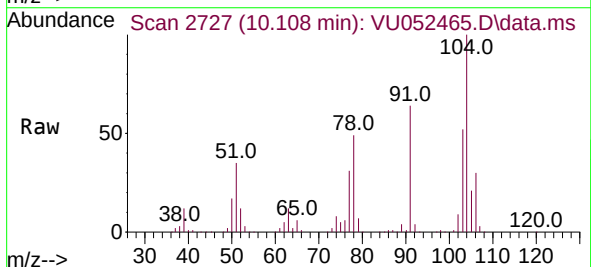
Instrument :
MSVOA_U
ClientSampleId :
VICV079

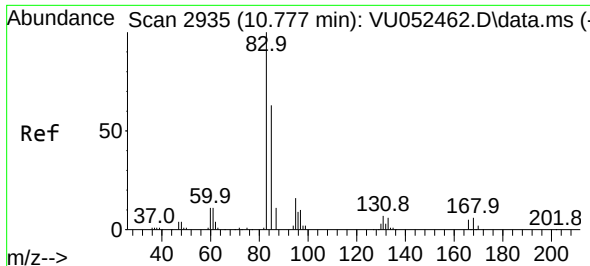
Tgt Ion:106 Resp: 120621
Ion Ratio Lower Upper
106 100
91 221.4 153.2 284.4



#55
Styrene
Concen: 5.404 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. -0.003 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion:104 Resp: 215817
Ion Ratio Lower Upper
104 100
78 48.9 33.4 62.0

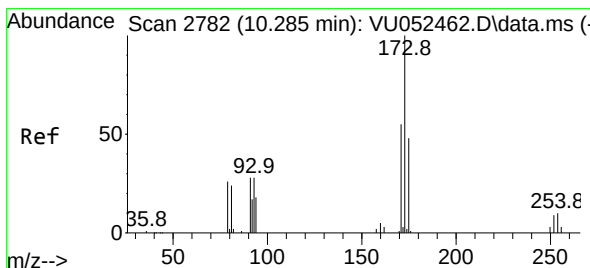
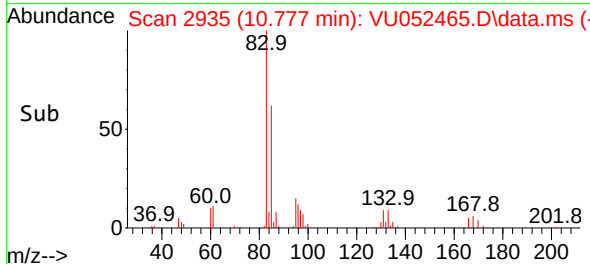
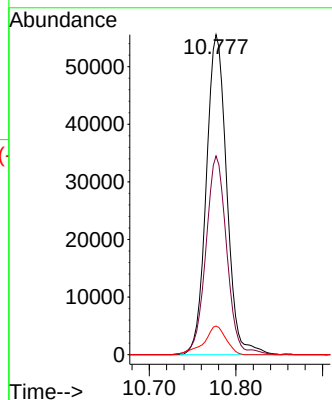
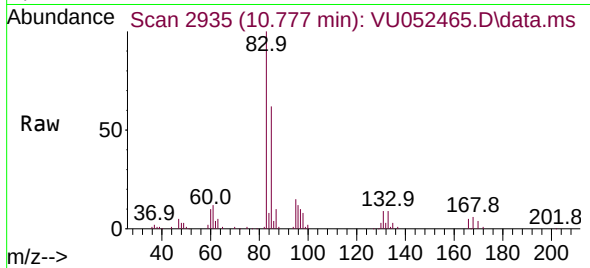




#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.091 ug/L
 RT: 10.777 min Scan# 2935
 Delta R.T. 0.000 min
 Lab File: VU052465.D
 Acq: 20 Dec 2022 18:19

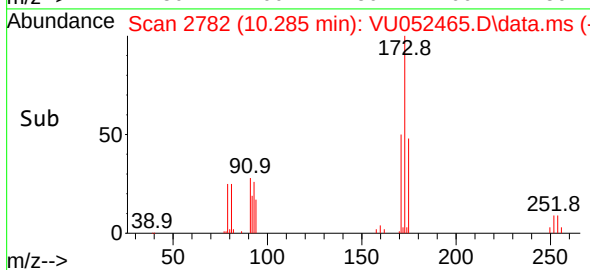
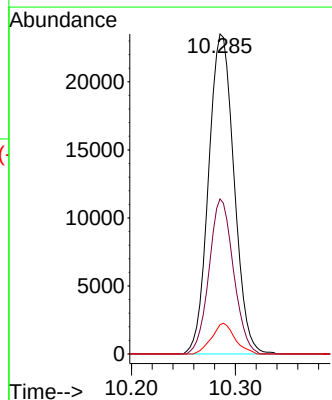
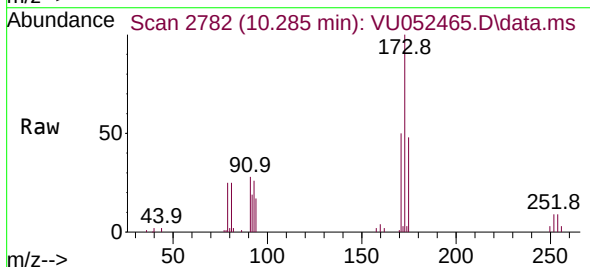
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV079

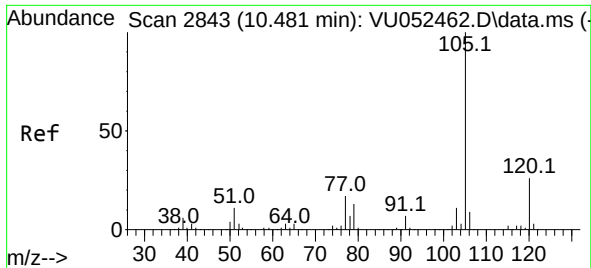
Tgt Ion: 83 Resp: 91031
 Ion Ratio Lower Upper
 83 100
 85 62.1 44.7 83.1
 131 9.0 6.0 9.0



#59
 Bromoform
 Concen: 4.808 ug/L
 RT: 10.285 min Scan# 2782
 Delta R.T. 0.000 min
 Lab File: VU052465.D
 Acq: 20 Dec 2022 18:19

Tgt Ion: 173 Resp: 39954
 Ion Ratio Lower Upper
 173 100
 175 46.3 38.9 58.3
 254 8.8 7.0 10.6

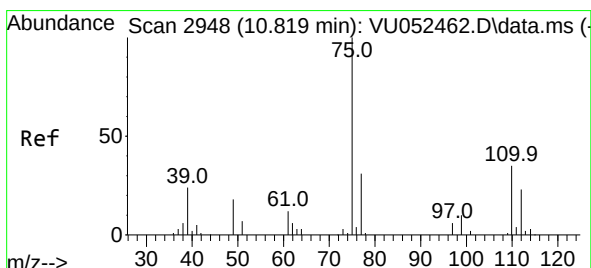
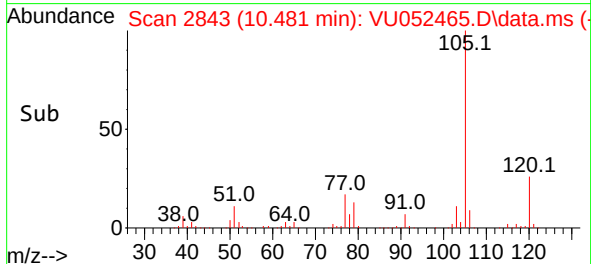
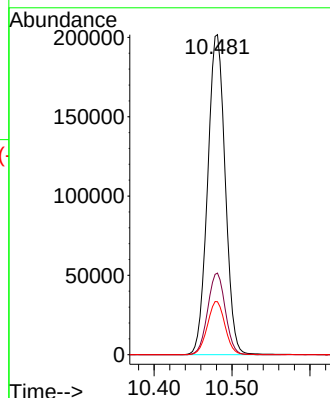
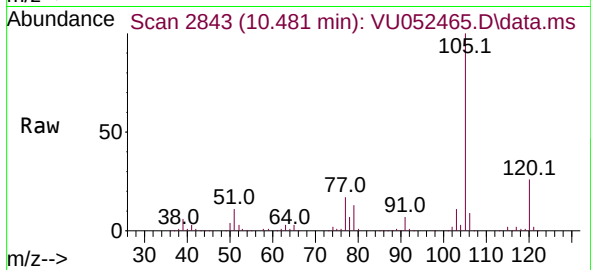




#60
Isopropylbenzene
Concen: 5.145 ug/L
RT: 10.481 min Scan# 2843
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

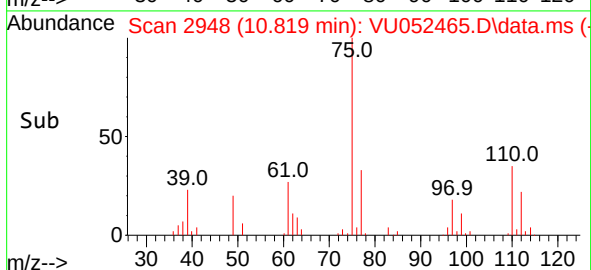
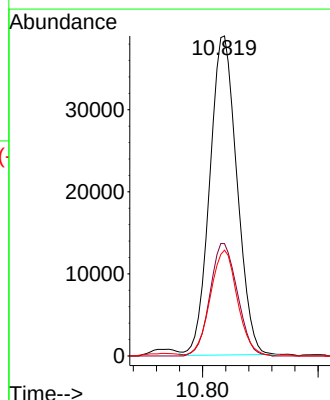
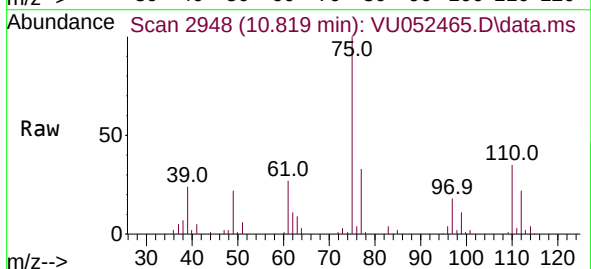
Instrument :
MSVOA_U
ClientSampleId :
VICV079

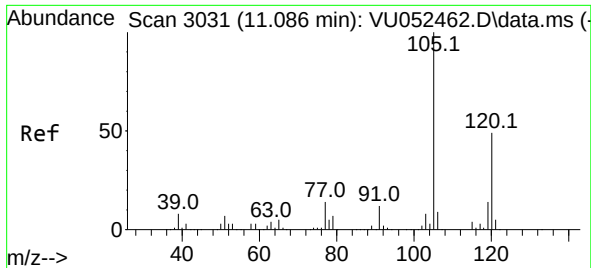
Tgt Ion:105 Resp: 315404
Ion Ratio Lower Upper
105 100
120 25.6 20.6 31.0
77 16.7 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 4.693 ug/L
RT: 10.819 min Scan# 2948
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion: 75 Resp: 63664
Ion Ratio Lower Upper
75 100
110 35.5 27.9 41.9
77 33.1 25.9 38.9

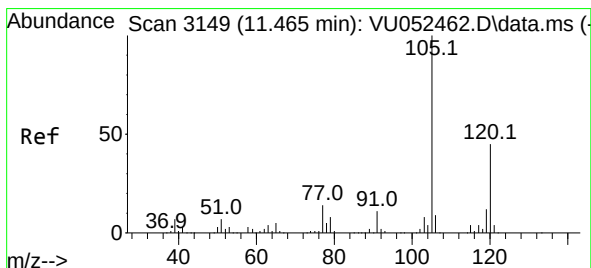
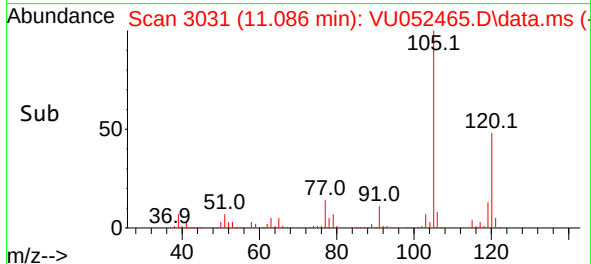
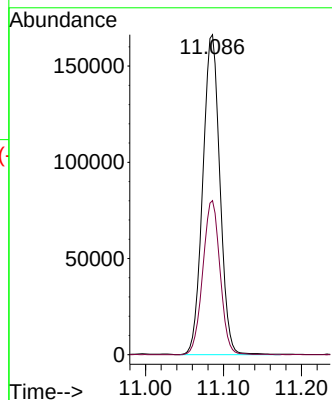
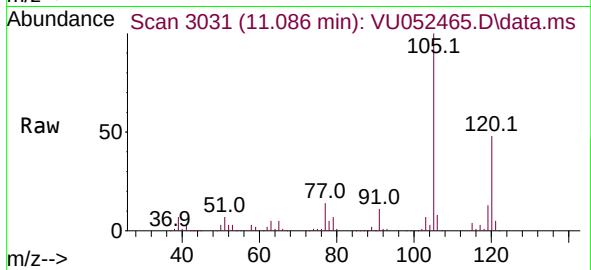




#62
 1,3,5-Trimethylbenzene
 Concen: 5.019 ug/L
 RT: 11.086 min Scan# 3031
 Delta R.T. 0.000 min
 Lab File: VU052465.D
 Acq: 20 Dec 2022 18:19

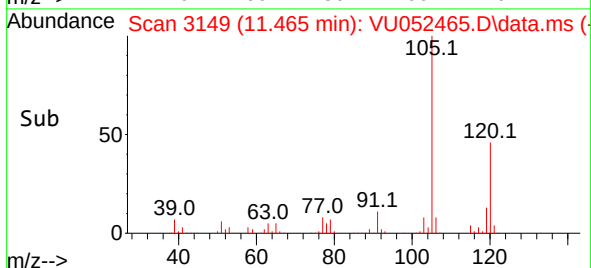
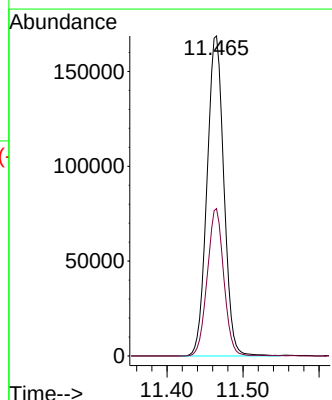
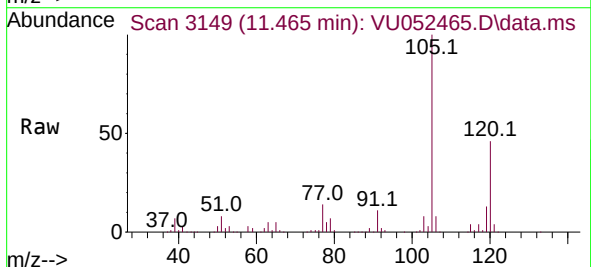
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV079

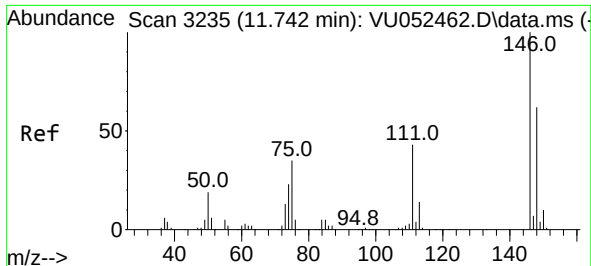
Tgt Ion:105 Resp: 253784
 Ion Ratio Lower Upper
 105 100
 120 48.4 38.6 57.8



#63
 1,2,4-Trimethylbenzene
 Concen: 5.112 ug/L
 RT: 11.465 min Scan# 3149
 Delta R.T. 0.000 min
 Lab File: VU052465.D
 Acq: 20 Dec 2022 18:19

Tgt Ion:105 Resp: 260196
 Ion Ratio Lower Upper
 105 100
 120 45.0 35.6 53.4

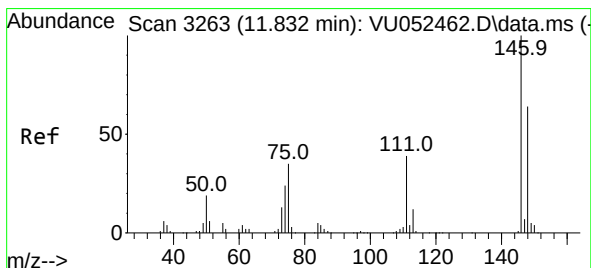
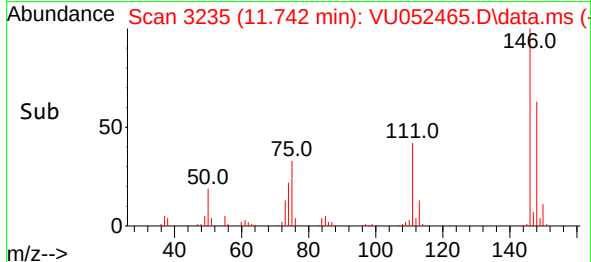
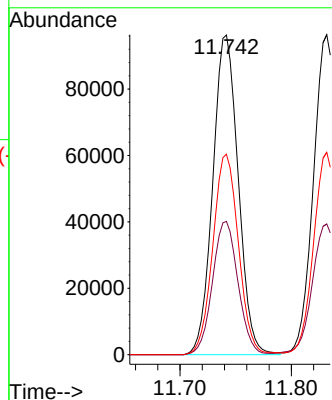
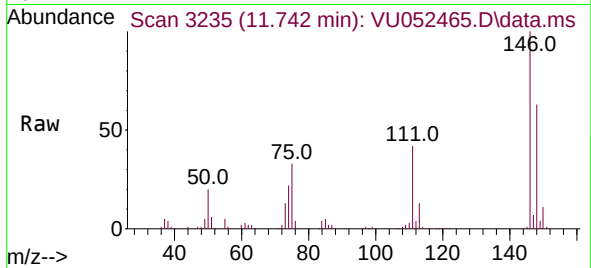




#64
1,3-Dichlorobenzene
Concen: 5.019 ug/L
RT: 11.742 min Scan# 3235
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

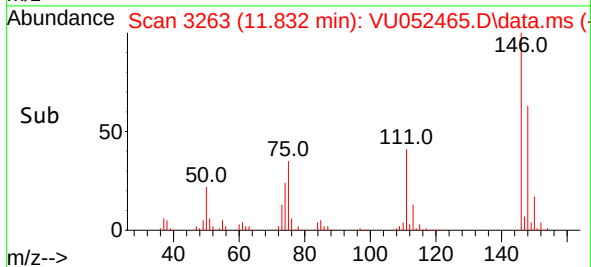
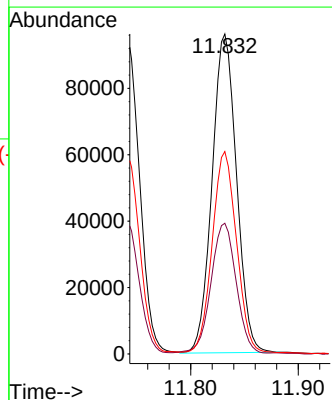
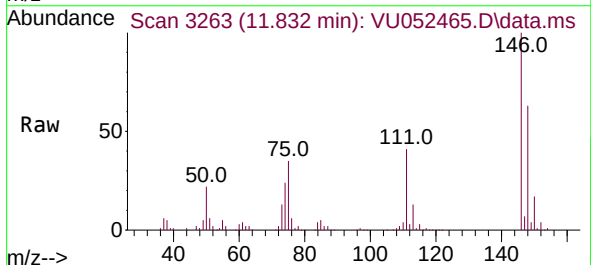
Instrument :
MSVOA_U
ClientSampleId :
VICV079

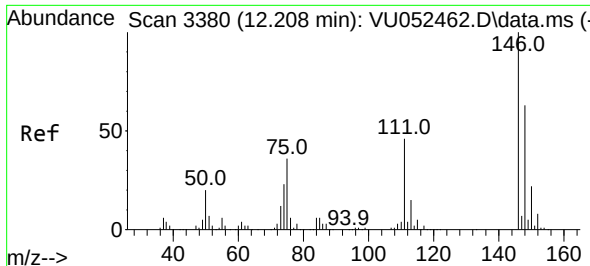
Tgt Ion:146 Resp: 152663
Ion Ratio Lower Upper
146 100
111 41.7 29.9 55.5
148 62.7 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 4.829 ug/L
RT: 11.832 min Scan# 3263
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion:146 Resp: 151895
Ion Ratio Lower Upper
146 100
111 40.8 27.5 51.1
148 63.3 44.9 83.3

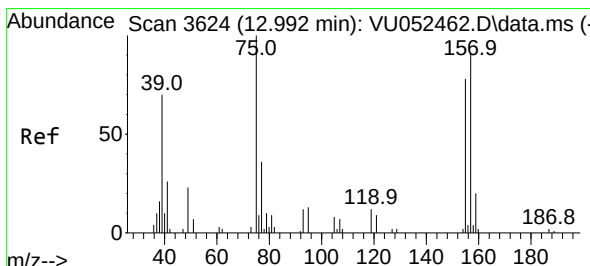
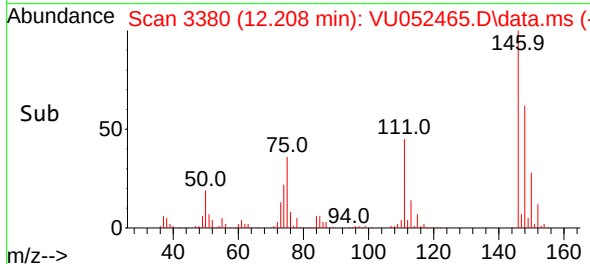
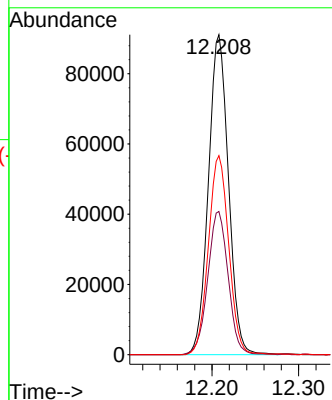
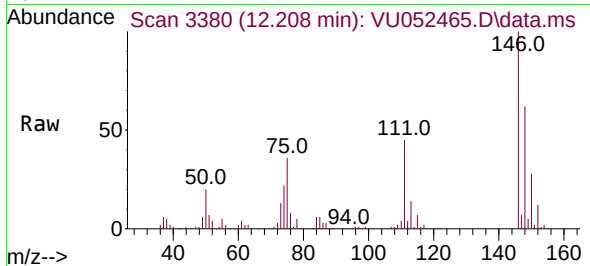




#67
 1,2-Dichlorobenzene
 Concen: 4.871 ug/L
 RT: 12.208 min Scan# 311
 Delta R.T. 0.000 min
 Lab File: VU052465.D
 Acq: 20 Dec 2022 18:19

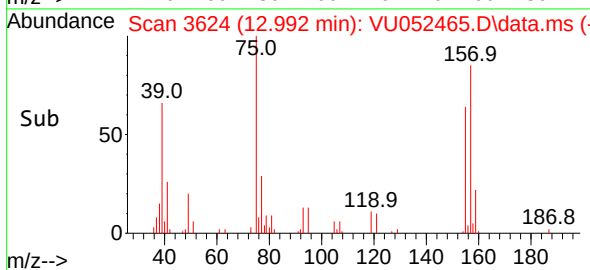
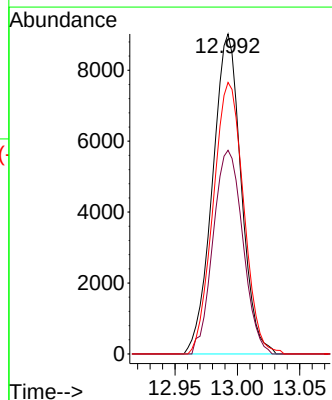
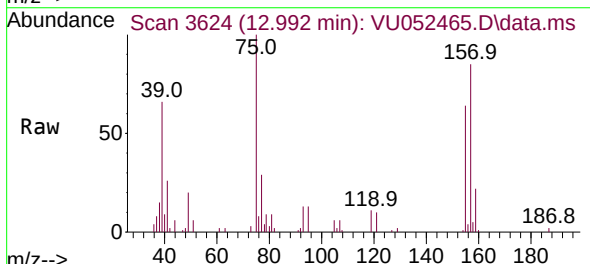
Instrument :
 MSVOA_U
 ClientSampleId :
 VICV079

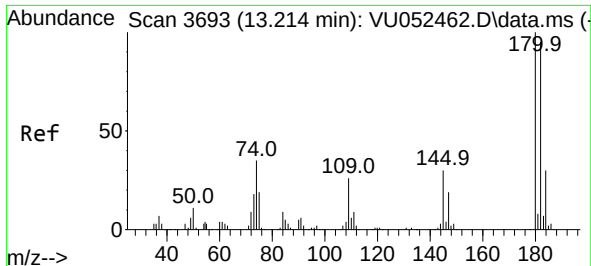
Tgt Ion:146 Resp: 146411
 Ion Ratio Lower Upper
 146 100
 111 44.8 36.6 55.0
 148 62.2 50.5 75.7



#68
 1,2-Dibromo-3-chloropropane
 Concen: 4.707 ug/L
 RT: 12.992 min Scan# 3624
 Delta R.T. 0.000 min
 Lab File: VU052465.D
 Acq: 20 Dec 2022 18:19

Tgt Ion: 75 Resp: 14455
 Ion Ratio Lower Upper
 75 100
 155 63.7 62.2 93.2
 157 84.9 73.0 109.4





#69

1,3,5-Trichlorobenzene

Concen: 4.892 ug/L

RT: 13.214 min Scan# 3693

Delta R.T. 0.000 min

Lab File: VU052465.D

Acq: 20 Dec 2022 18:19

Instrument :

MSVOA_U

ClientSampleId :

VICV079

Tgt Ion:180 Resp: 109564

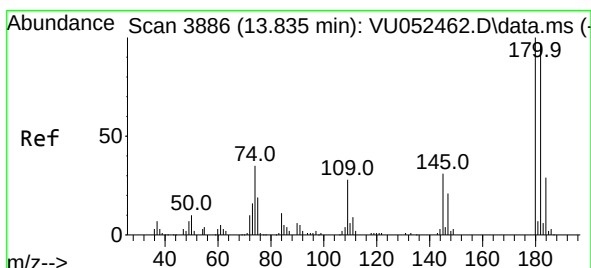
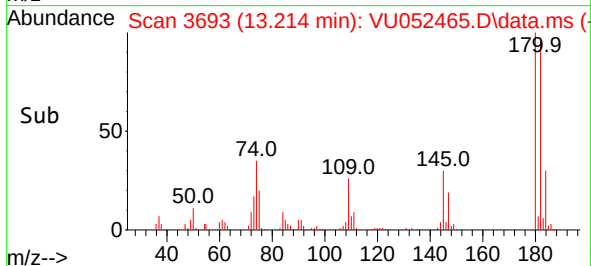
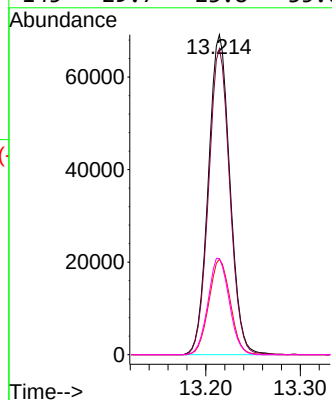
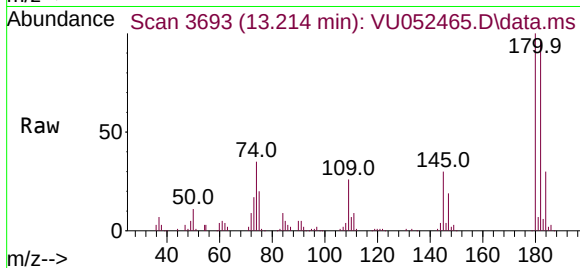
Ion Ratio Lower Upper

180 100

182 94.1 75.8 113.8

184 29.6 23.4 35.0

145 29.7 23.8 35.6



#70

1,2,4-trichlorobenzene

Concen: 4.885 ug/L

RT: 13.835 min Scan# 3886

Delta R.T. 0.000 min

Lab File: VU052465.D

Acq: 20 Dec 2022 18:19

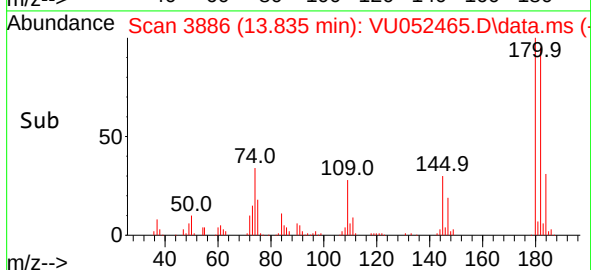
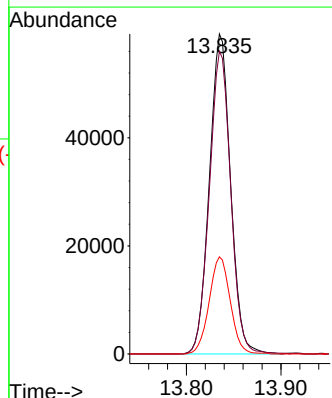
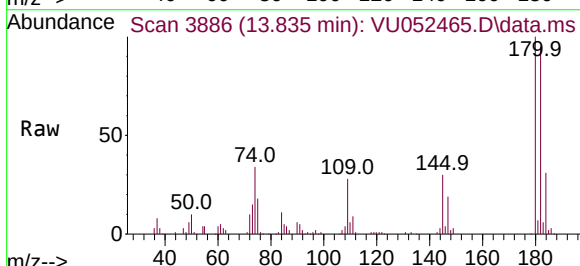
Tgt Ion:180 Resp: 92069

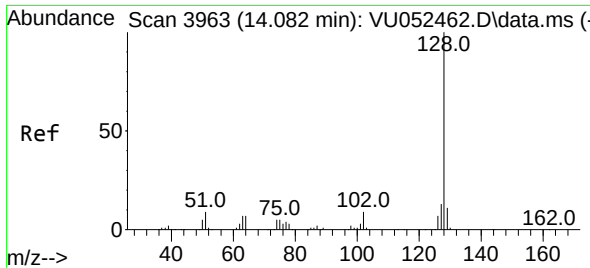
Ion Ratio Lower Upper

180 100

182 95.4 77.7 116.5

145 30.3 24.0 36.0

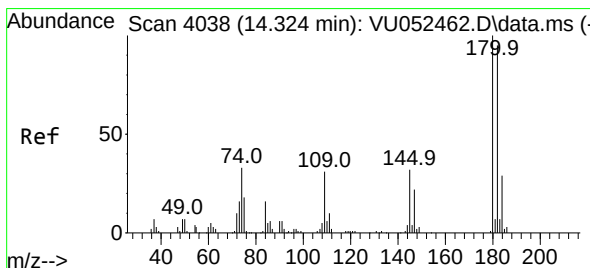
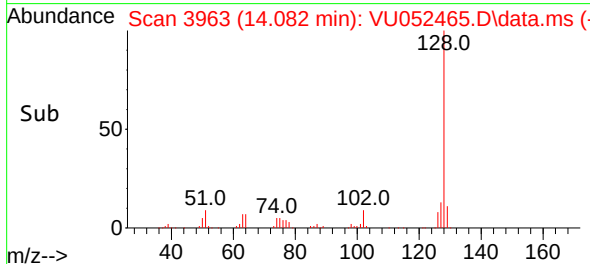
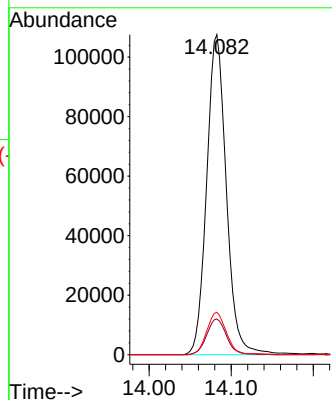
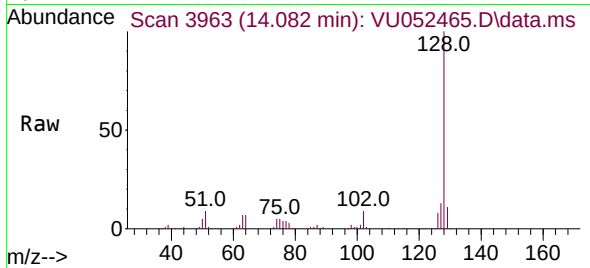




#71
Naphthalene
Concen: 4.687 ug/L
RT: 14.082 min Scan# 3963
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Instrument :
MSVOA_U
ClientSampleId :
VICV079

Tgt Ion:128 Resp: 178751
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.1 10.6 16.0



#72
1,2,3-Trichlorobenzene
Concen: 4.892 ug/L
RT: 14.324 min Scan# 4038
Delta R.T. 0.000 min
Lab File: VU052465.D
Acq: 20 Dec 2022 18:19

Tgt Ion:180 Resp: 92420
Ion Ratio Lower Upper
180 100
182 95.1 76.3 114.5
145 31.6 25.8 38.8

