

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111821\
 Data File : VU045856.D
 Acq On : 18 Nov 2021 09:41
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:47:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95343	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	99532	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	53950	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	39990	5.294	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.800%
7) Chloroethane-d5	1.919	69	30071	5.468	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.400%
11) 1,1-Dichloroethene-d2	2.571	65	16960	5.353	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.000%
20) 2-Butanone-d5	4.645	46	108939	53.815	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.620%
24) Chloroform-d	5.070	84	59169	4.702	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.000%
26) 1,2-Dichloroethane-d4	5.706	65	37236	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.800%
32) Benzene-d6	5.732	84	132344	4.828	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.600%
36) 1,2-Dichloropropane-d6	6.697	67	41789	4.837	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.800%
41) Toluene-d8	7.902	98	121584	4.903	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.000%
43) trans-1,3-Dichloroprop...	8.182	79	17284	4.929	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.600%
46) 2-Hexanone-d5	8.639	63	80213	50.819	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.640%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	38235	5.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.800%
66) 1,2-Dichlorobenzene-d4	12.195	152	45321	4.893	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	36123	4.653	ug/L	99
3) Chloromethane	1.523	50	35677	4.337	ug/L	99
5) Vinyl chloride	1.607	62	39322	4.762	ug/L	99
6) Bromomethane	1.861	94	15526	3.171	ug/L	100
8) Chloroethane	1.938	64	23888	5.074	ug/L	99
9) Trichlorofluoromethane	2.144	101	52528	4.928	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31627	5.060	ug/L	98
12) 1,1-Dichloroethene	2.588	96	29320	4.968	ug/L	89
13) Acetone	2.668	43	66111	55.486	ug/L	93
14) Carbon disulfide	2.800	76	85884	4.601	ug/L	99
15) Methyl Acetate	2.964	43	16104	5.509	ug/L	100
16) Methylene chloride	3.051	84	33829	3.882	ug/L	98
17) Methyl tert-butyl Ether	3.369	73	76127	4.955	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	30825	4.872	ug/L	97
19) 1,1-Dichloroethane	3.877	63	58035	4.897	ug/L	100
21) 2-Butanone	4.726	43	105848	52.799	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	33916	4.944	ug/L	97
23) Bromochloromethane	4.980	128	15843	5.299	ug/L	99
25) Chloroform	5.095	83	68466	5.325	ug/L	96

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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 19 00:47:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 18 02:11:55 2021
 Response via : Initial Calibration

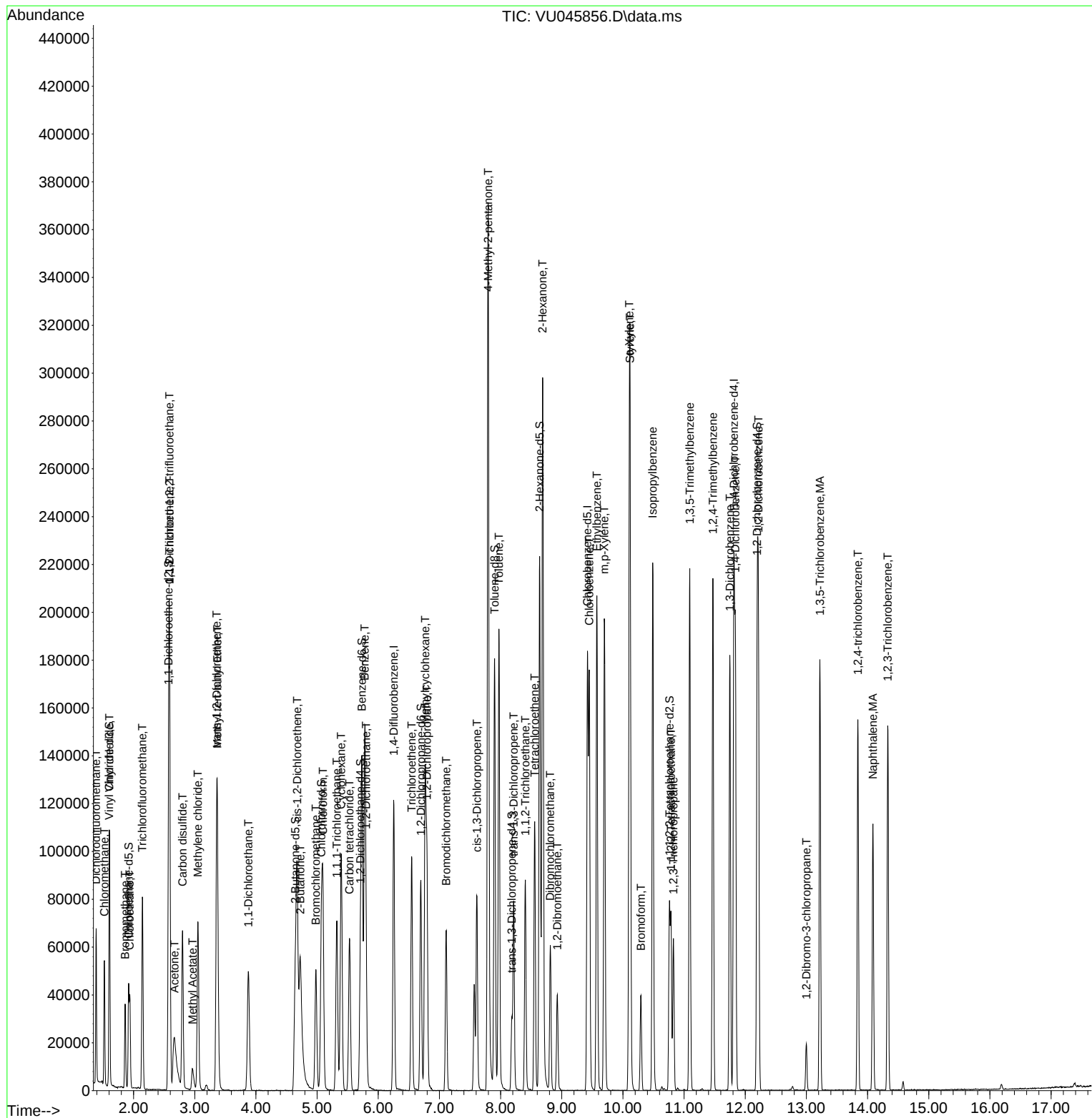
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	41423	5.049	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	51251	4.739	ug/L	99
30) Cyclohexane	5.394	56	46258	4.313	ug/L	98
31) Carbon tetrachloride	5.530	117	44363	4.878	ug/L	98
33) Benzene	5.780	78	130997	4.716	ug/L	100
34) Trichloroethene	6.546	95	33227	4.642	ug/L	99
35) Methylcyclohexane	6.767	83	49282	4.483	ug/L	99
37) 1,2-Dichloropropane	6.796	63	34201	4.679	ug/L	98
38) Bromodichloromethane	7.111	83	44406	4.924	ug/L	99
39) cis-1,3-Dichloropropene	7.613	75	48925	4.710	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	250262	52.200	ug/L	100
42) Toluene	7.973	91	141881	4.949	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	43631	4.828	ug/L	100
45) 1,1,2-Trichloroethane	8.404	97	27379	5.046	ug/L	97
47) Tetrachloroethene	8.558	164	24889	4.967	ug/L	95
48) 2-Hexanone	8.687	43	188309	54.369	ug/L	99
49) Dibromochloromethane	8.812	129	31196	5.047	ug/L	97
50) 1,2-Dibromoethane	8.928	107	25802	5.047	ug/L	95
51) Chlorobenzene	9.449	112	88331	4.912	ug/L	99
52) Ethylbenzene	9.574	91	148046	4.933	ug/L	99
53) m,p-Xylene	9.697	106	58603	5.098	ug/L	95
54) o-Xylene	10.105	106	55164	4.973	ug/L	92
55) Styrene	10.118	104	99679	5.338	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.787	83	35790	5.150	ug/L	93
59) Bromoform	10.295	173	17616	4.930	ug/L	97
60) Isopropylbenzene	10.488	105	146962	4.640	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	27132	4.845	ug/L	99
62) 1,3,5-Trimethylbenzene	11.092	105	118923	4.592	ug/L	99
63) 1,2,4-Trimethylbenzene	11.471	105	121419	4.679	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	73411	4.968	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	73163	4.874	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	69336	4.894	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	5203	4.465	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	52135	4.717	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	44647	4.774	ug/L	99
71) Naphthalene	14.089	128	87152	4.535	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	44111	4.740	ug/L	99

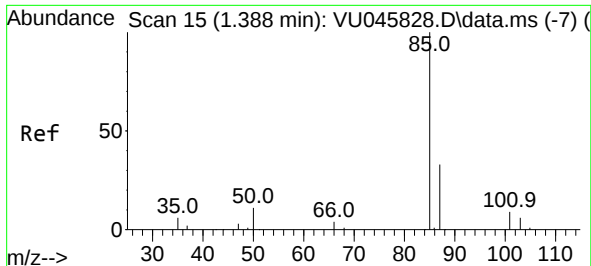
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 Data File : VU045856.D
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 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
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 ClientSampleId :

Quant Time: Nov 19 00:47:42 2021
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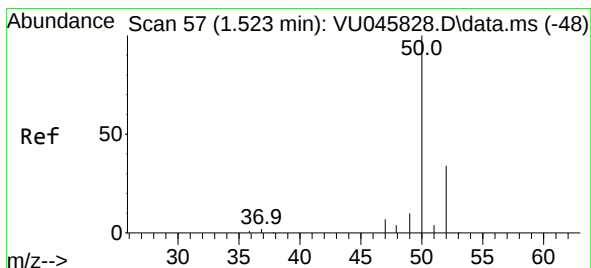
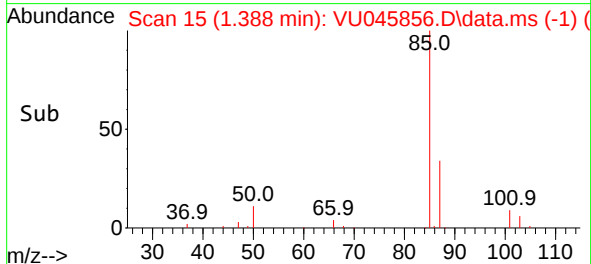
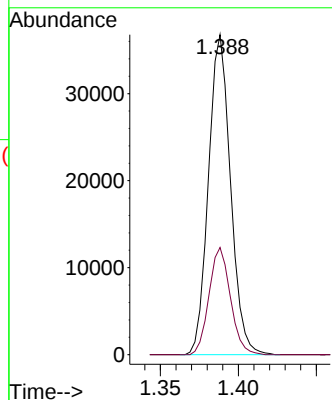
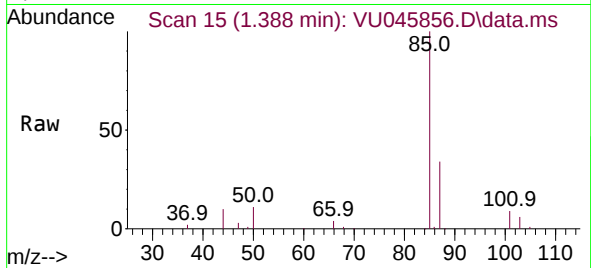




#2
 Dichlorodifluoromethane
 Concen: 4.653 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. -0.000 min
 Lab File: VU045856.D
 Acq: 18 Nov 2021 09:41

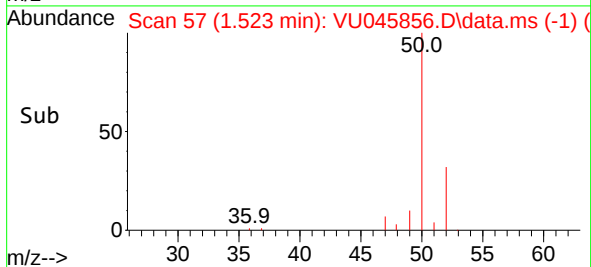
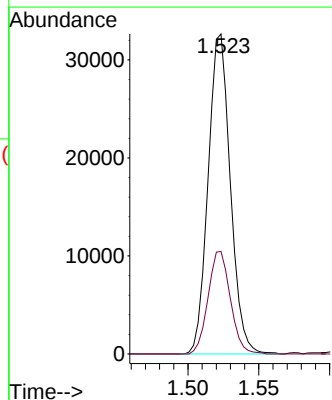
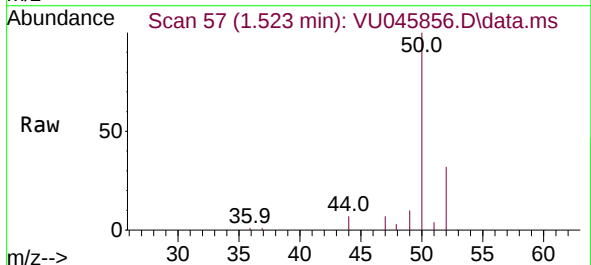
Instrument :
 MSVOA_U
 ClientSampleId :

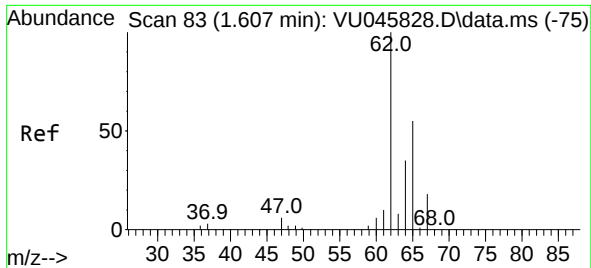
Tgt Ion: 85 Resp: 36123
 Ion Ratio Lower Upper
 85 100
 87 32.5 25.8 38.6



#3
 Chloromethane
 Concen: 4.337 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU045856.D
 Acq: 18 Nov 2021 09:41

Tgt Ion: 50 Resp: 35677
 Ion Ratio Lower Upper
 50 100
 52 32.1 23.0 42.8

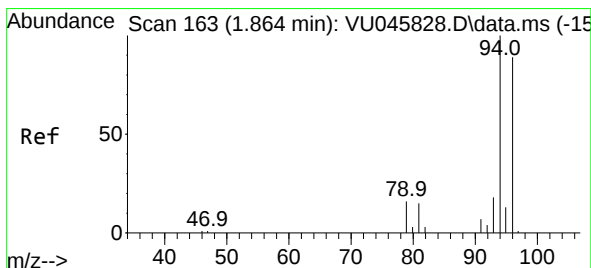
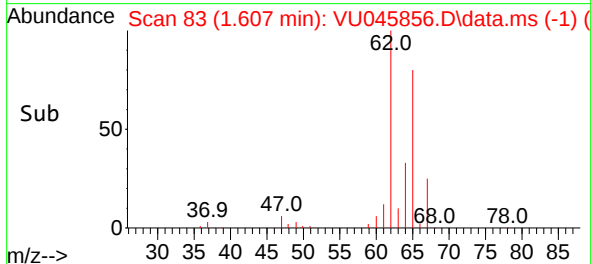
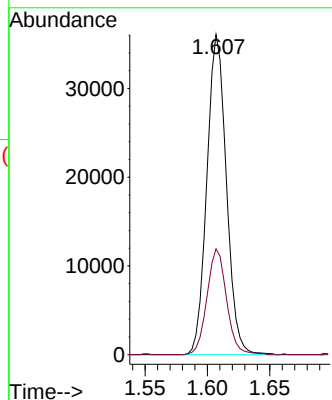
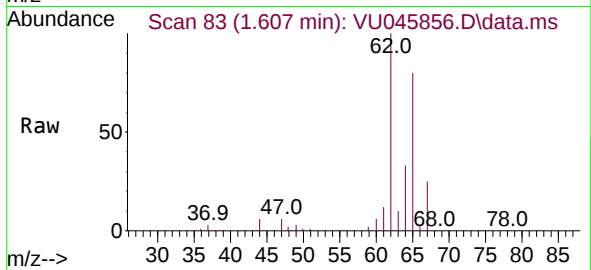




#5
 Vinyl chloride
 Concen: 4.762 ug/L
 RT: 1.607 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: VU045856.D
 Acq: 18 Nov 2021 09:41

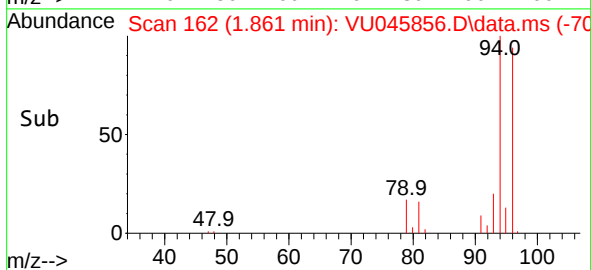
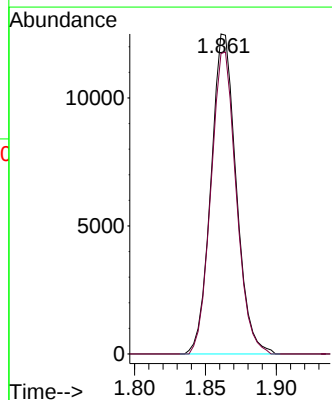
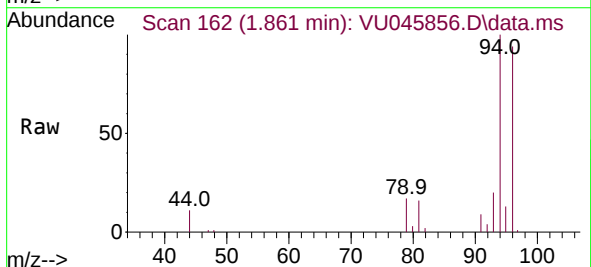
Instrument :
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 ClientSampleId :

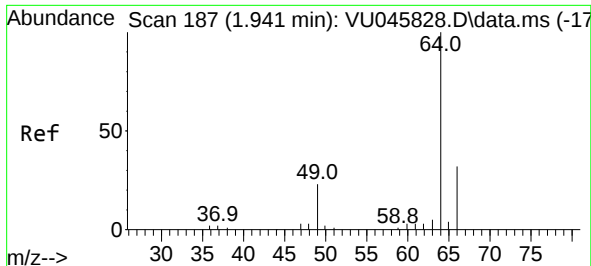
Tgt Ion: 62 Resp: 39322
 Ion Ratio Lower Upper
 62 100
 64 33.1 22.9 42.5



#6
 Bromomethane
 Concen: 3.171 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.003 min
 Lab File: VU045856.D
 Acq: 18 Nov 2021 09:41

Tgt Ion: 94 Resp: 15526
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.5 121.6

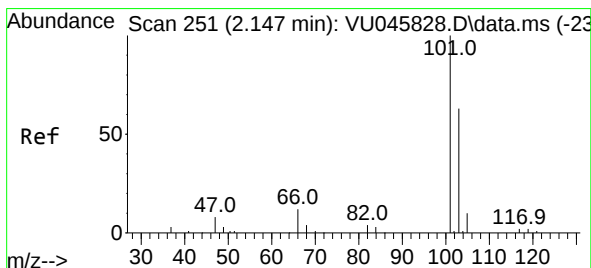
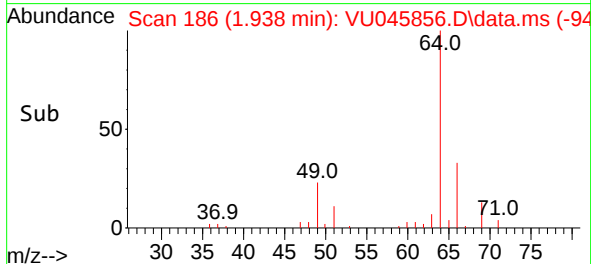
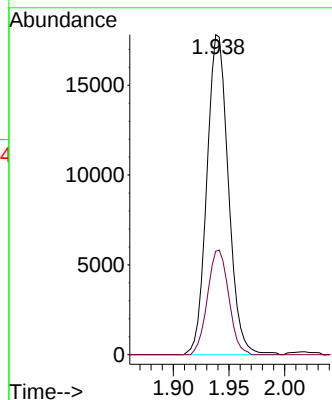
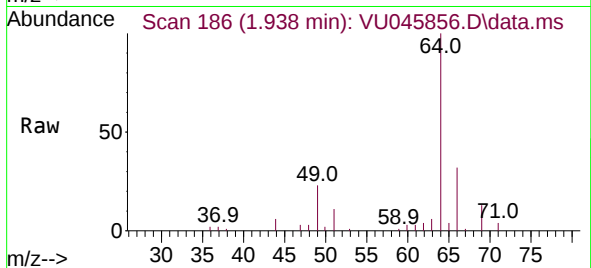




#8
Chloroethane
Concen: 5.074 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

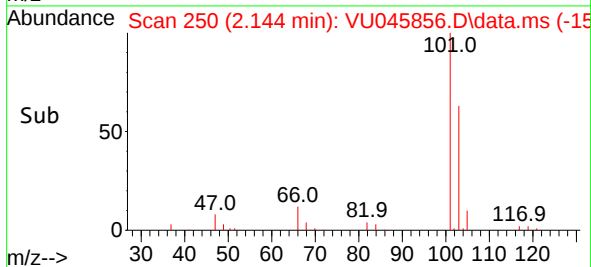
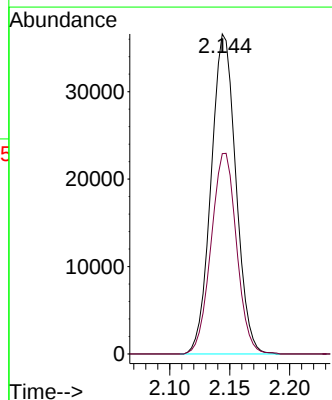
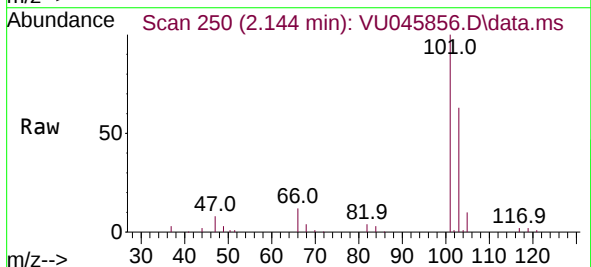
Instrument :
MSVOA_U
ClientSampleId :

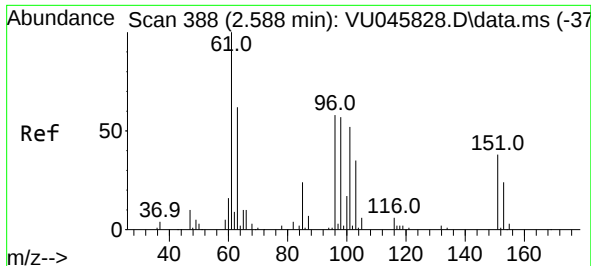
Tgt Ion: 64 Resp: 23888
Ion Ratio Lower Upper
64 100
66 32.3 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.928 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.003 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

Tgt Ion:101 Resp: 52528
Ion Ratio Lower Upper
101 100
103 64.5 51.5 77.3





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.060 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

Instrument :

MSVOA_U

ClientSampleId :

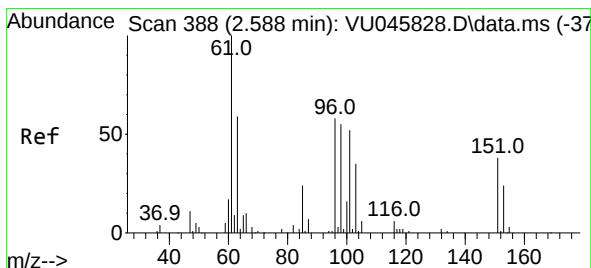
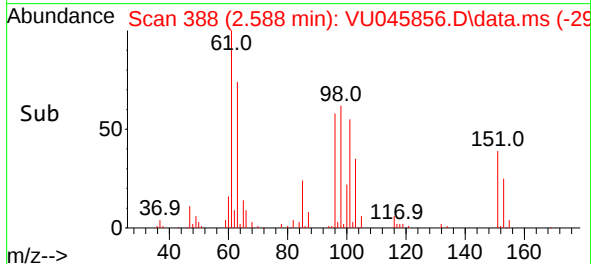
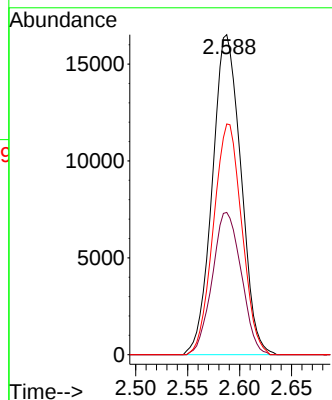
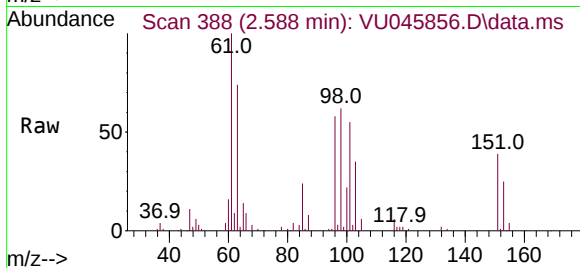
Tgt Ion:101 Resp: 31627

Ion Ratio Lower Upper

101 100

85 44.9 34.6 51.8

151 71.6 56.1 84.1



#12

1,1-Dichloroethene

Concen: 4.968 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

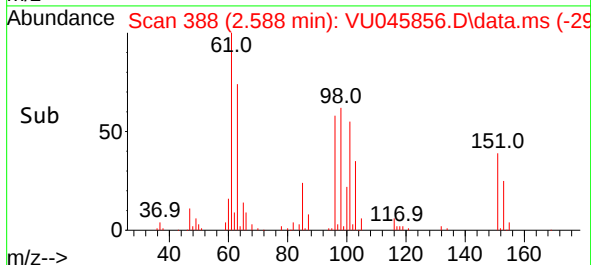
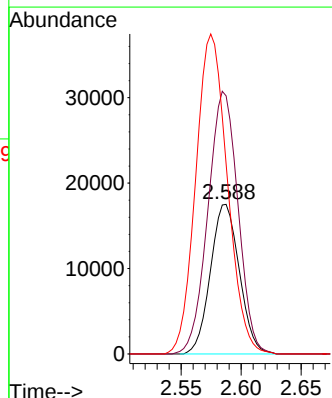
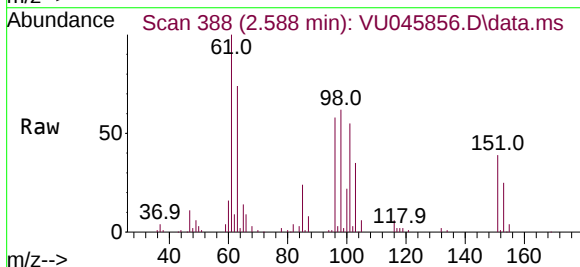
Tgt Ion: 96 Resp: 29320

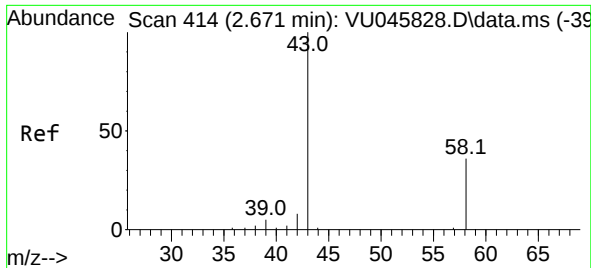
Ion Ratio Lower Upper

96 100

61 172.5 124.7 231.5

63 126.9 105.2 195.4





#13

Acetone

Concen: 55.486 ug/L

RT: 2.668 min Scan# 41

Delta R.T. -0.003 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

Instrument :

MSVOA_U

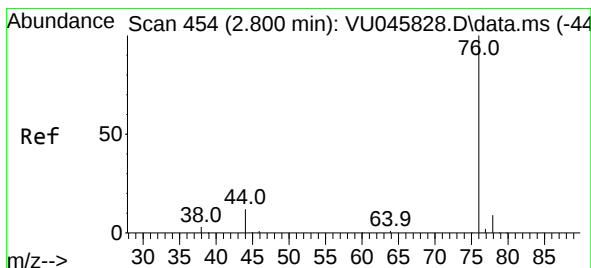
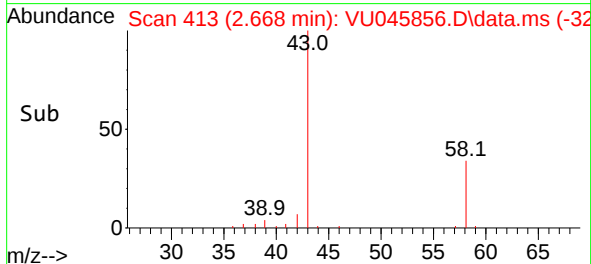
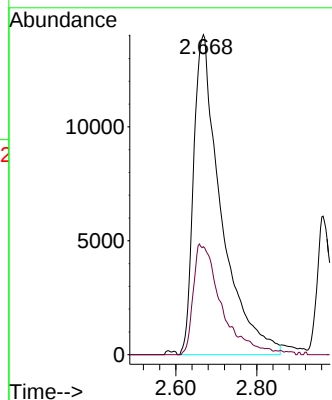
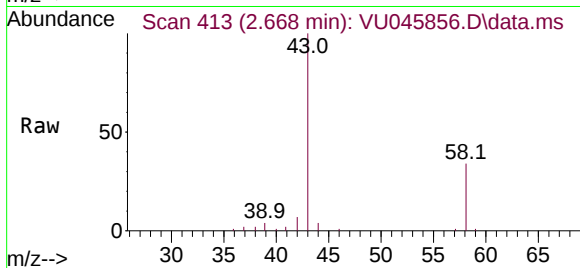
ClientSampleId :

Tgt Ion: 43 Resp: 66111

Ion Ratio Lower Upper

43 100

58 31.8 0.0 71.6



#14

Carbon disulfide

Concen: 4.601 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU045856.D

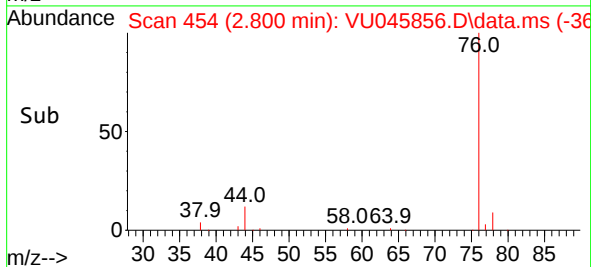
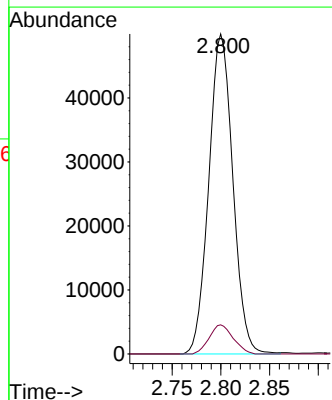
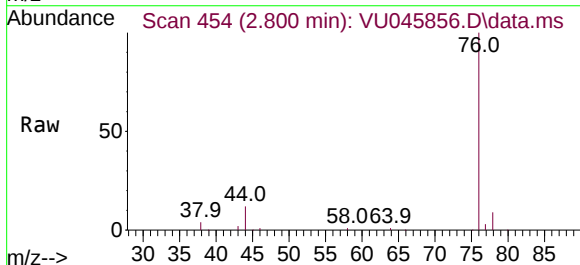
Acq: 18 Nov 2021 09:41

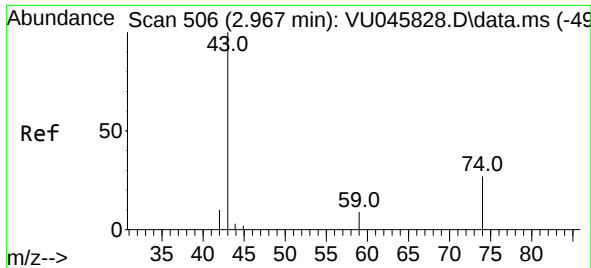
Tgt Ion: 76 Resp: 85884

Ion Ratio Lower Upper

76 100

78 9.1 7.5 11.3

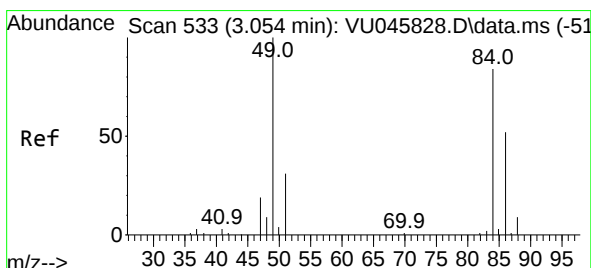
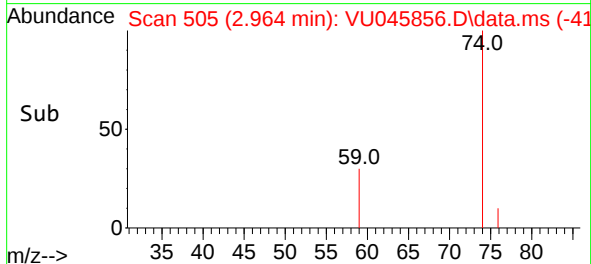
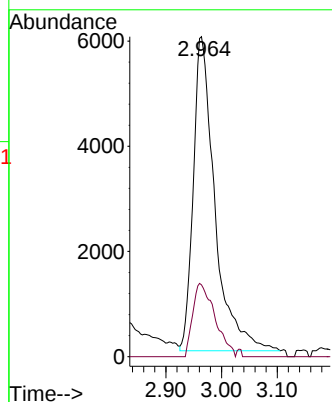
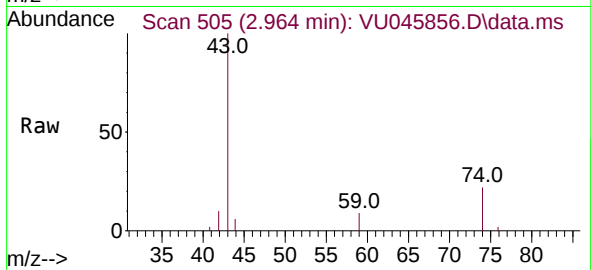




#15
Methyl Acetate
Concen: 5.509 ug/L
RT: 2.964 min Scan# 506
Delta R.T. -0.003 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

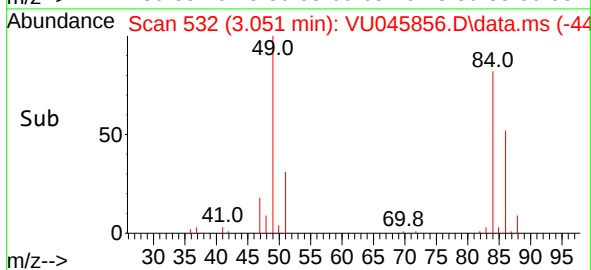
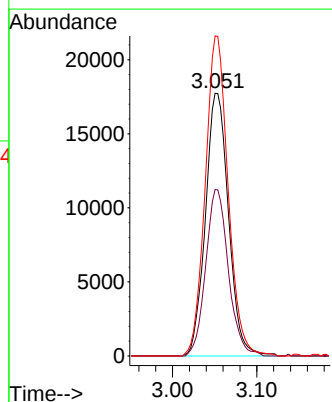
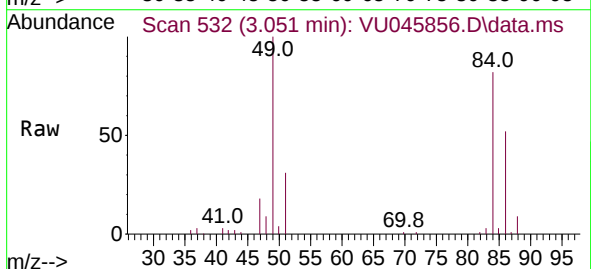
Instrument :
MSVOA_U
ClientSampleId :

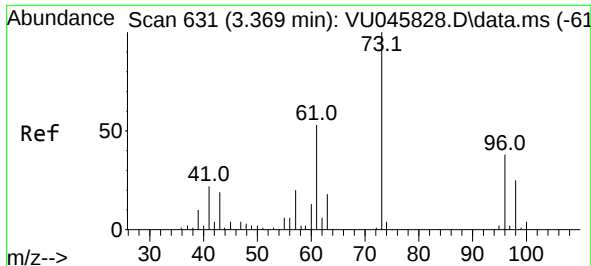
Tgt Ion: 43 Resp: 16104
Ion Ratio Lower Upper
43 100
74 23.8 19.1 28.7



#16
Methylene chloride
Concen: 3.882 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

Tgt Ion: 84 Resp: 33829
Ion Ratio Lower Upper
84 100
86 63.4 45.8 85.0
49 121.8 84.5 156.9





#17

Methyl tert-butyl Ether

Concen: 4.955 ug/L

RT: 3.369 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

Instrument :

MSVOA_U

ClientSampleId :

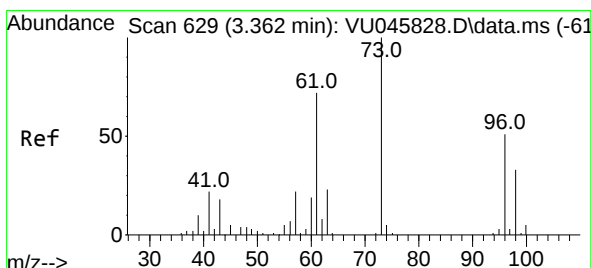
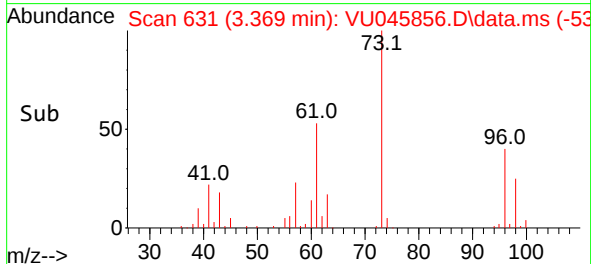
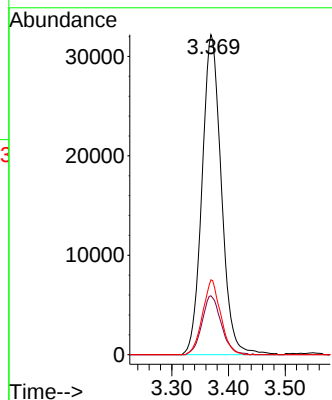
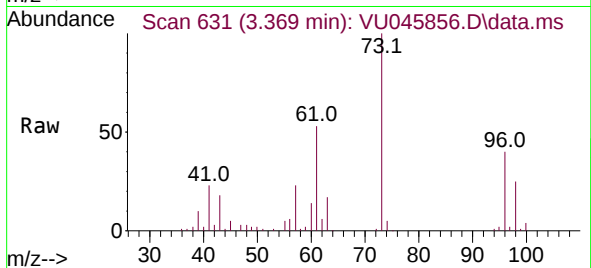
Tgt Ion: 73 Resp: 76127

Ion Ratio Lower Upper

73 100

43 18.4 14.8 22.2

57 21.9 17.4 26.0



#18

trans-1,2-Dichloroethene

Concen: 4.872 ug/L

RT: 3.359 min Scan# 628

Delta R.T. -0.003 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

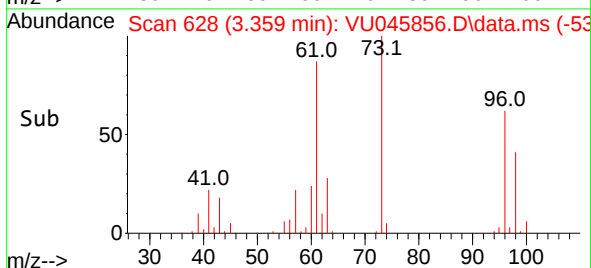
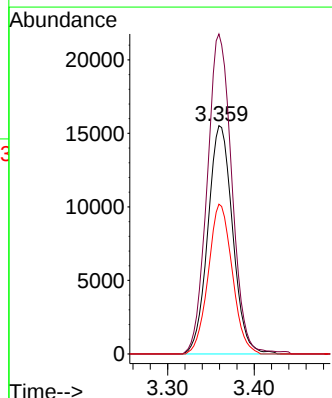
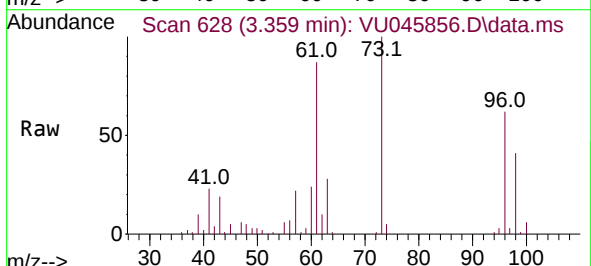
Tgt Ion: 96 Resp: 30825

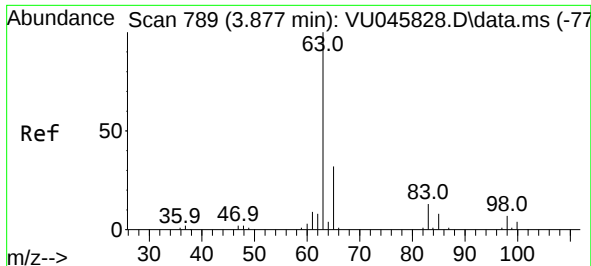
Ion Ratio Lower Upper

96 100

61 140.1 100.8 187.2

98 65.6 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.897 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU045856.D

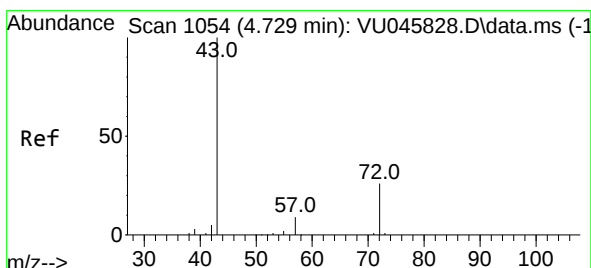
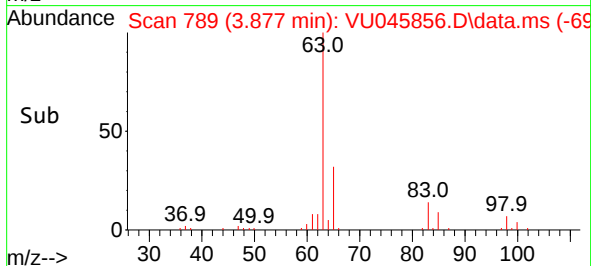
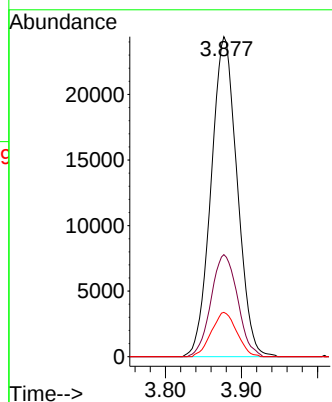
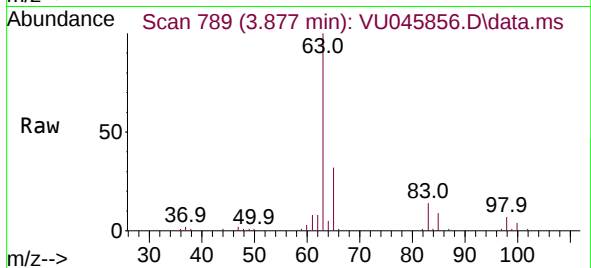
Acq: 18 Nov 2021 09:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	63	Resp:	58035
Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.3	41.5
83	13.9	9.6	17.8



#21

2-Butanone

Concen: 52.799 ug/L

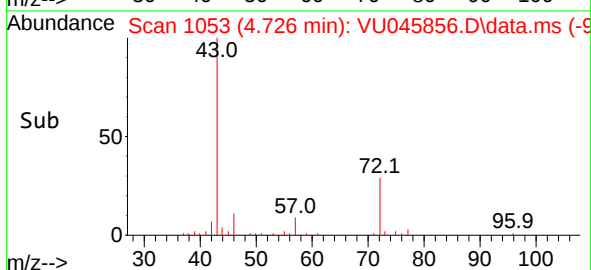
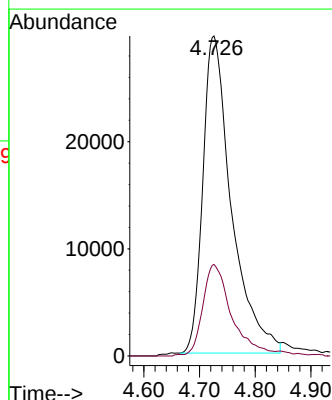
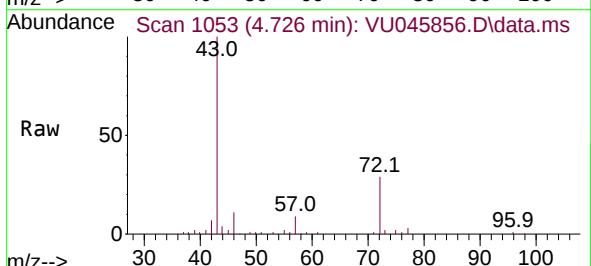
RT: 4.726 min Scan# 1053

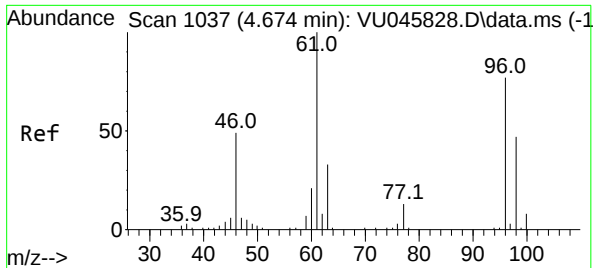
Delta R.T. -0.003 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

Tgt Ion:	43	Resp:	105848
Ion	Ratio	Lower	Upper
43	100		
72	29.0	14.1	42.3

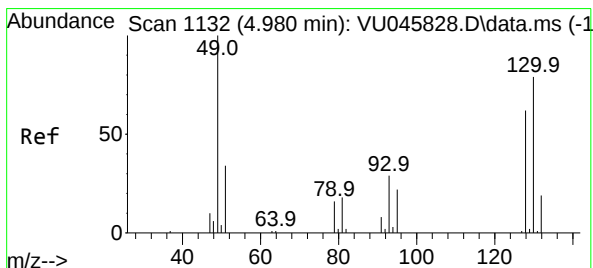
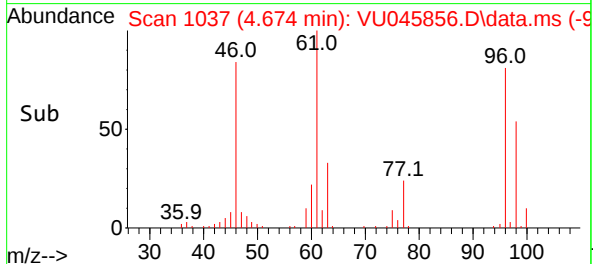
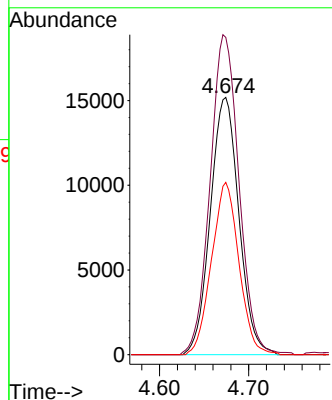
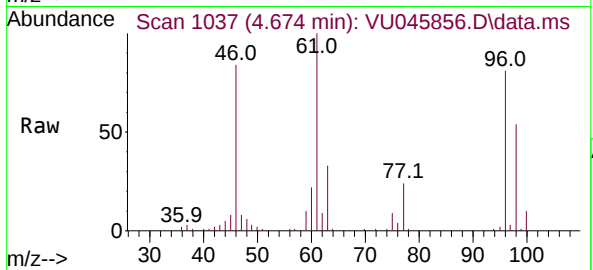




#22
 cis-1,2-Dichloroethene
 Concen: 4.944 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU045856.D
 Acq: 18 Nov 2021 09:41

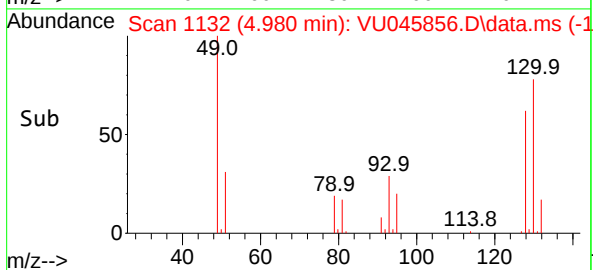
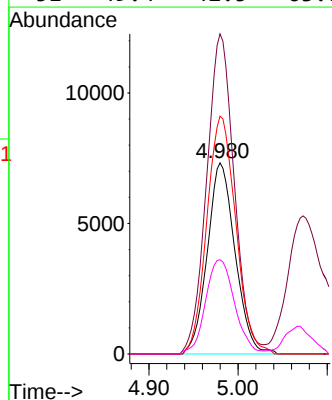
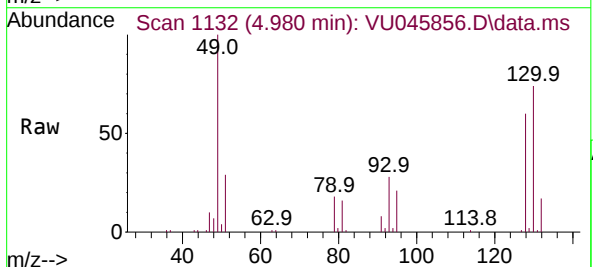
Instrument :
 MSVOA_U
 ClientSampleId :

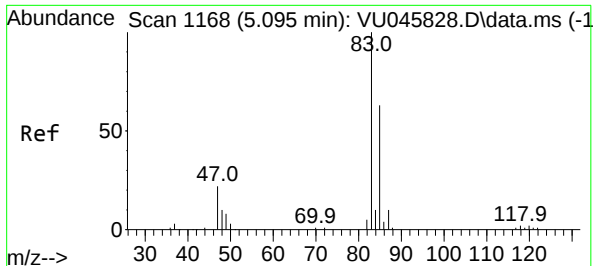
Tgt Ion: 96 Resp: 33916
 Ion Ratio Lower Upper
 96 100
 61 123.3 88.5 164.3
 98 67.0 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.299 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. -0.000 min
 Lab File: VU045856.D
 Acq: 18 Nov 2021 09:41

Tgt Ion: 128 Resp: 15843
 Ion Ratio Lower Upper
 128 100
 49 167.5 117.0 217.2
 130 124.4 88.2 163.8
 51 49.4 42.5 63.7





#25

Chloroform

Concen: 5.325 ug/L

RT: 5.095 min Scan# 1168

Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

Instrument :

MSVOA_U

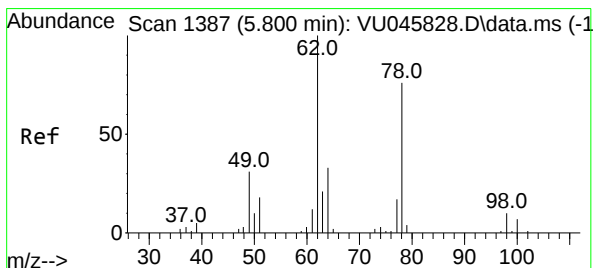
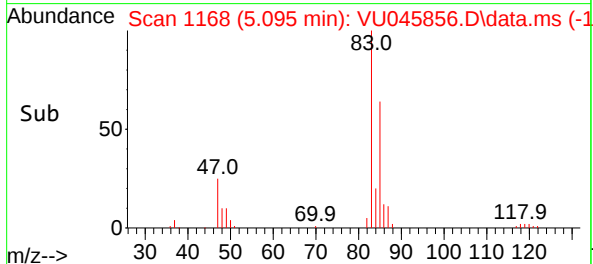
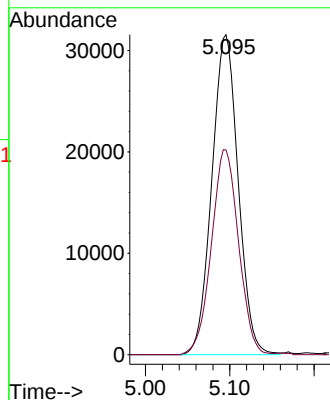
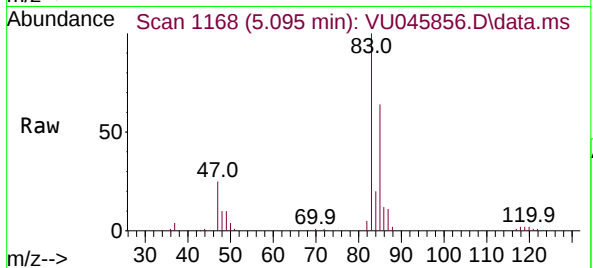
ClientSampleId :

Tgt Ion: 83 Resp: 68466

Ion Ratio Lower Upper

83 100

85 64.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.049 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU045856.D

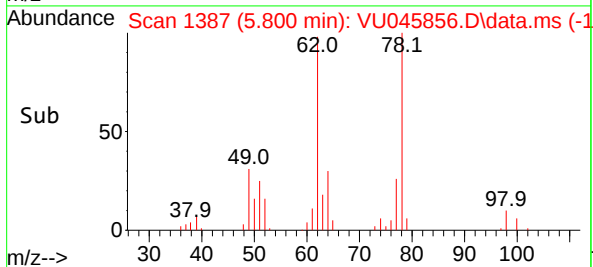
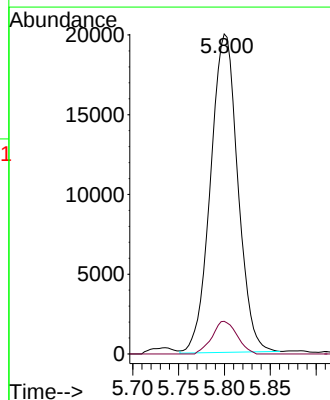
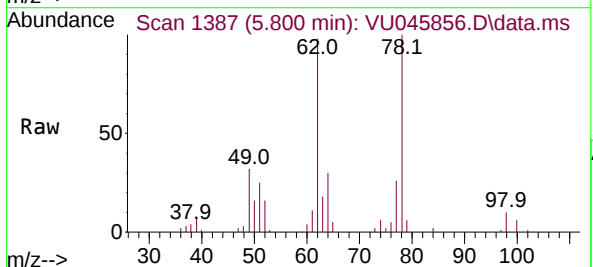
Acq: 18 Nov 2021 09:41

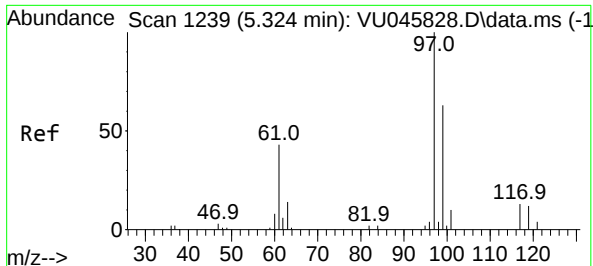
Tgt Ion: 62 Resp: 41423

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 4.739 ug/L

RT: 5.321 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

Instrument :

MSVOA_U

ClientSampleId :

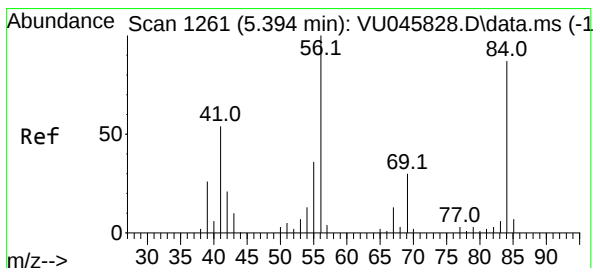
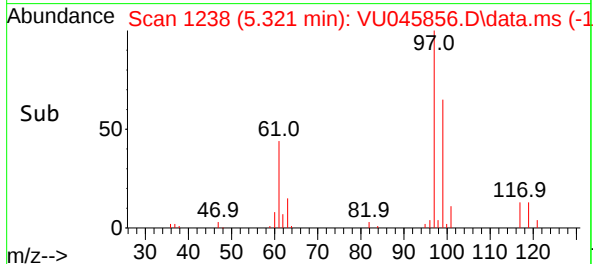
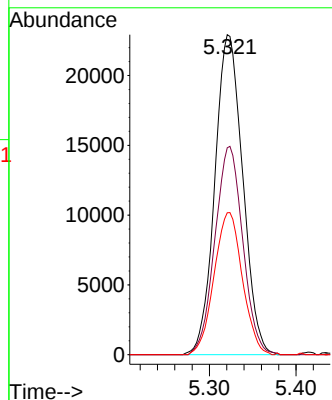
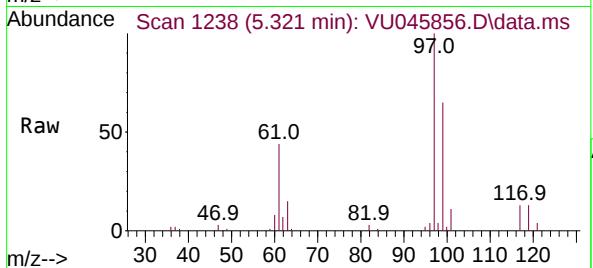
Tgt Ion: 97 Resp: 51251

Ion Ratio Lower Upper

97 100

99 65.1 51.3 76.9

61 45.0 36.1 54.1



#30

Cyclohexane

Concen: 4.313 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

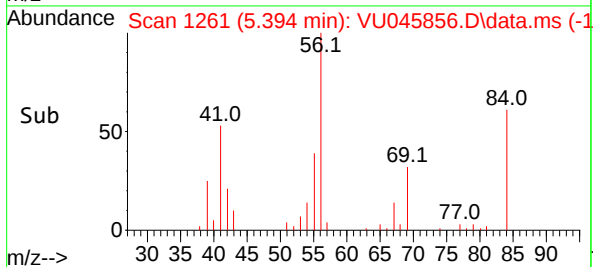
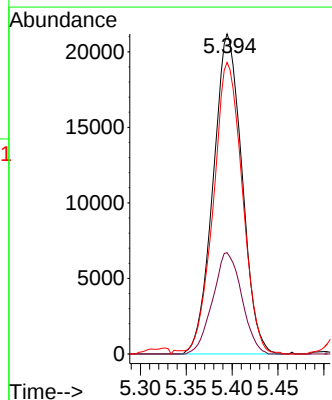
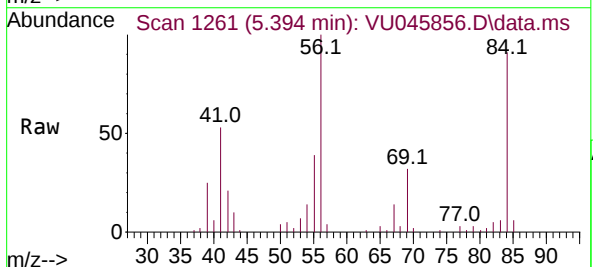
Tgt Ion: 56 Resp: 46258

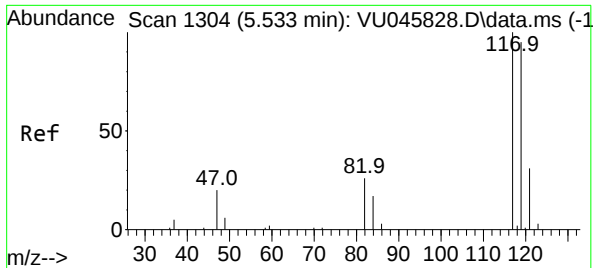
Ion Ratio Lower Upper

56 100

69 31.9 24.7 37.1

84 91.6 71.8 107.6

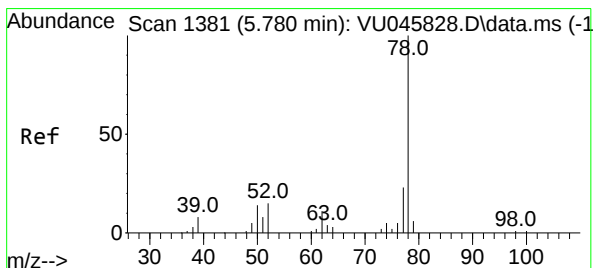
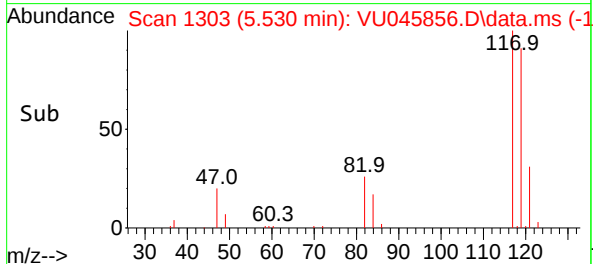
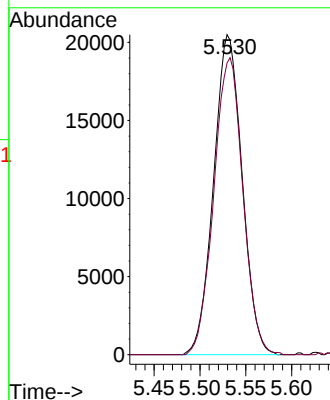
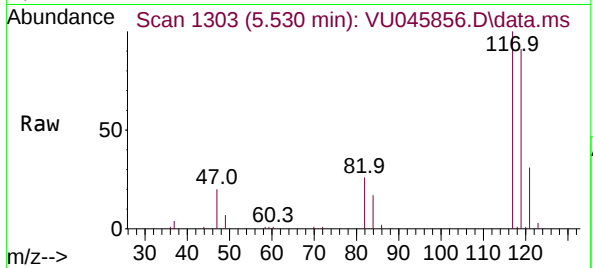




#31
Carbon tetrachloride
Concen: 4.878 ug/L
RT: 5.530 min Scan# 1117
Delta R.T. -0.003 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

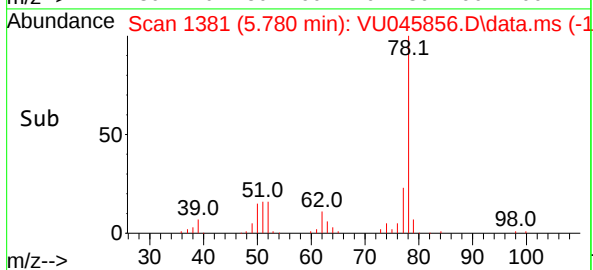
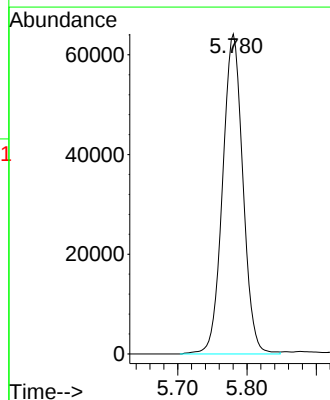
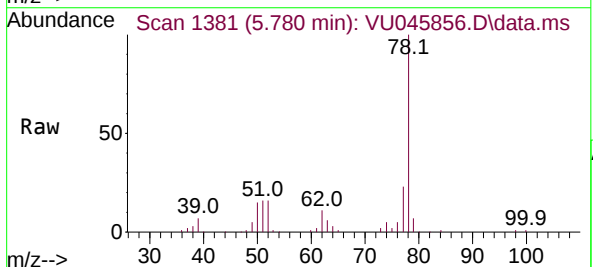
Instrument :
MSVOA_U
ClientSampleId :

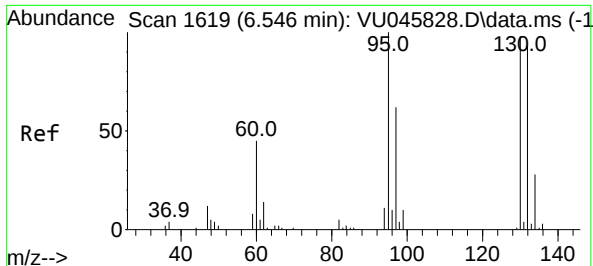
Tgt Ion:117 Resp: 44363
Ion Ratio Lower Upper
117 100
119 94.5 77.5 116.3



#33
Benzene
Concen: 4.716 ug/L
RT: 5.780 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

Tgt Ion: 78 Resp: 130997

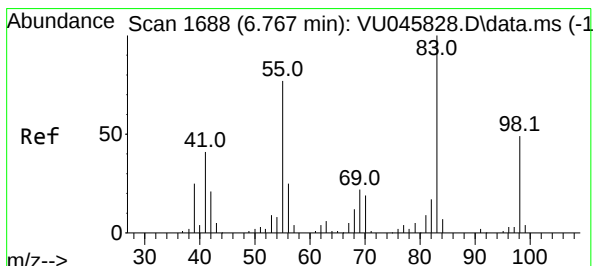
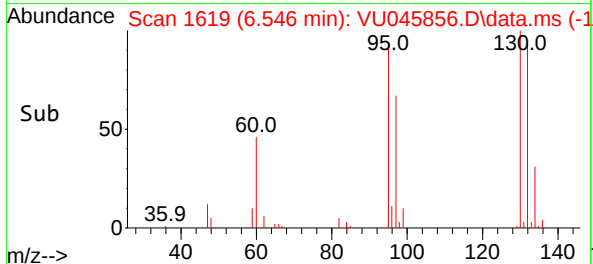
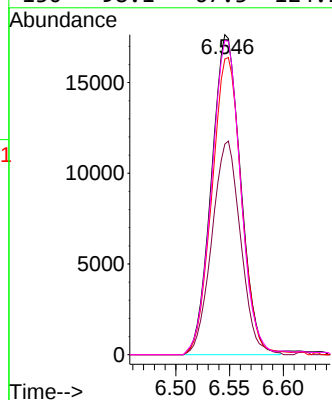
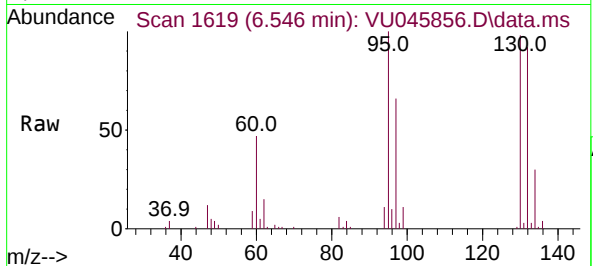




#34
Trichloroethene
Concen: 4.642 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

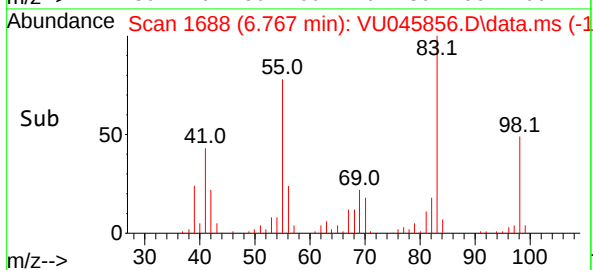
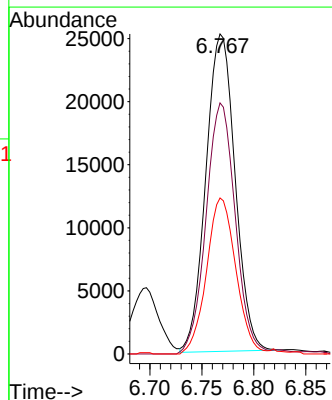
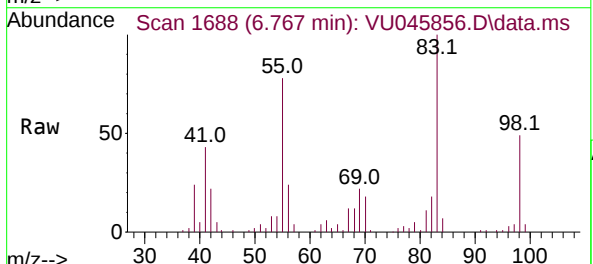
Instrument :
MSVOA_U
ClientSampleId :

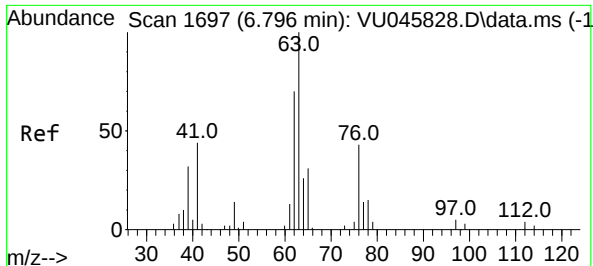
Tgt Ion: 95 Resp: 33227
Ion Ratio Lower Upper
95 100
97 65.8 46.5 86.5
132 92.4 65.1 120.9
130 98.1 67.3 124.9



#35
Methylcyclohexane
Concen: 4.483 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

Tgt Ion: 83 Resp: 49282
Ion Ratio Lower Upper
83 100
55 79.0 61.9 92.9
98 49.1 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.679 ug/L

RT: 6.796 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

Instrument :

MSVOA_U

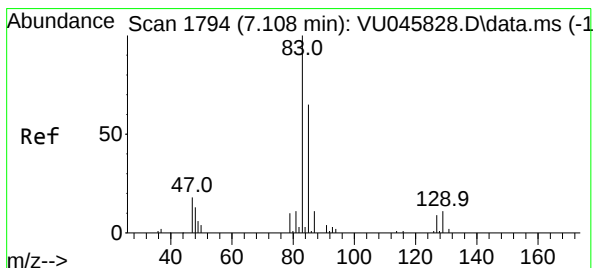
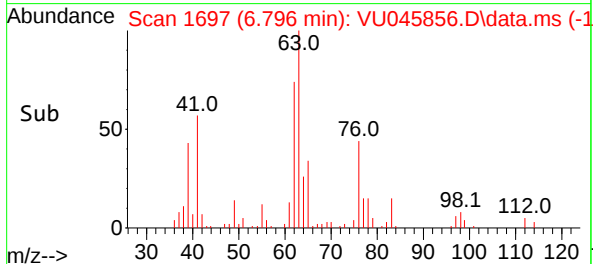
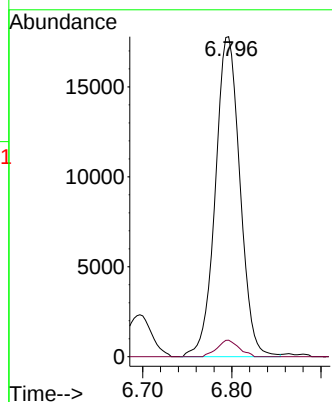
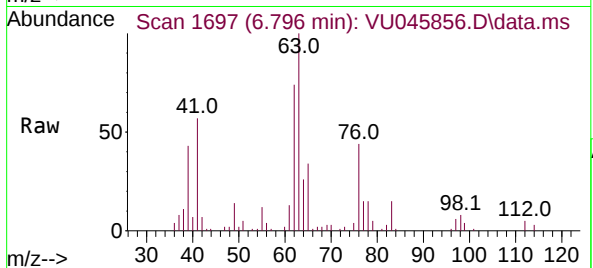
ClientSampleId :

Tgt Ion: 63 Resp: 34201

Ion Ratio Lower Upper

63 100

112 4.5 3.2 4.8



#38

Bromodichloromethane

Concen: 4.924 ug/L

RT: 7.111 min Scan# 1795

Delta R.T. 0.003 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

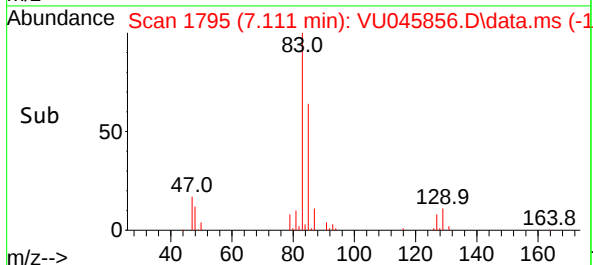
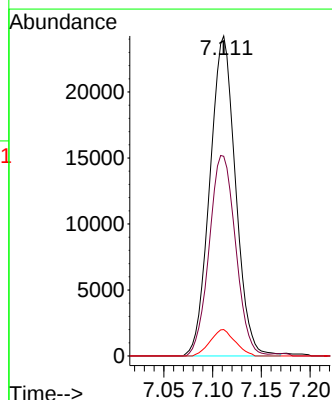
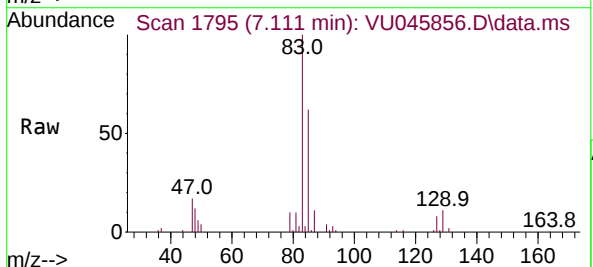
Tgt Ion: 83 Resp: 44406

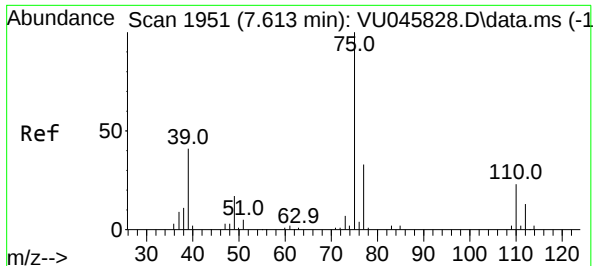
Ion Ratio Lower Upper

83 100

85 62.4 44.0 81.8

127 8.3 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 4.710 ug/L

RT: 7.613 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

Instrument :

MSVOA_U

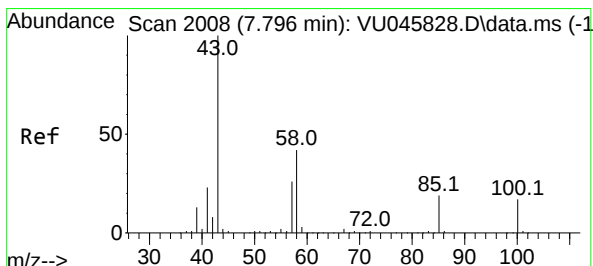
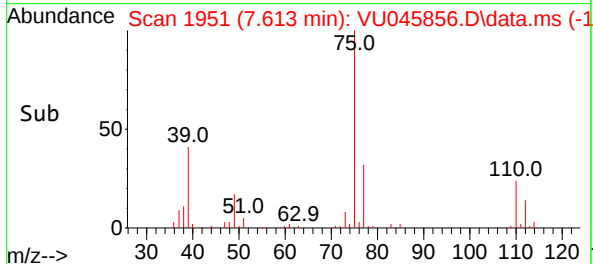
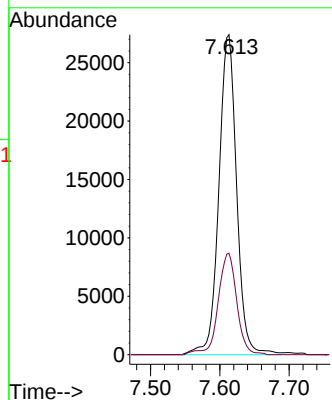
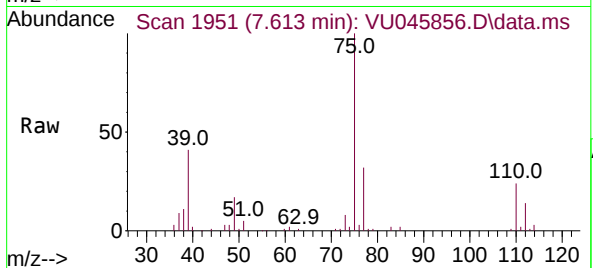
ClientSampleId :

Tgt Ion: 75 Resp: 48925

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 52.200 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

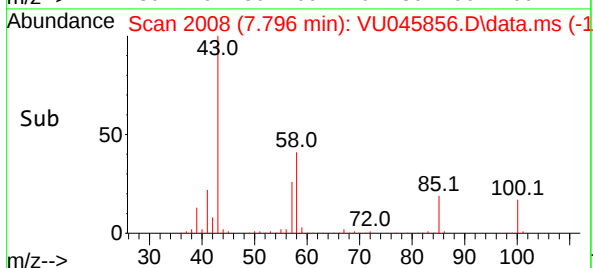
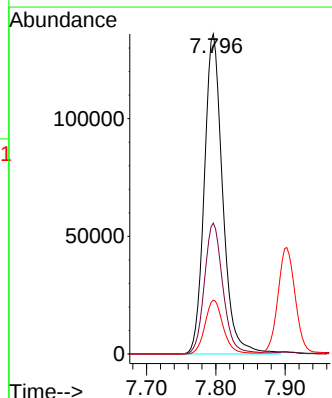
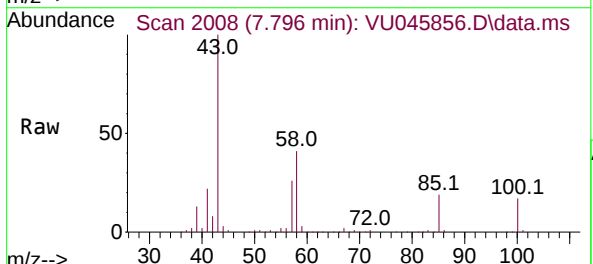
Tgt Ion: 43 Resp: 250262

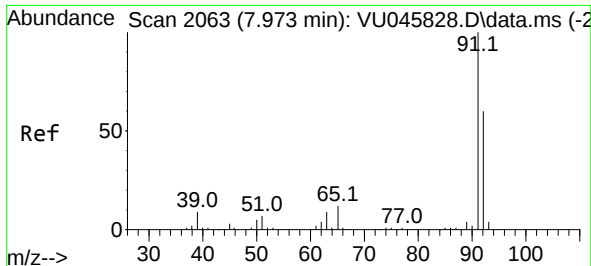
Ion Ratio Lower Upper

43 100

58 41.4 33.1 49.7

100 16.7 13.2 19.8

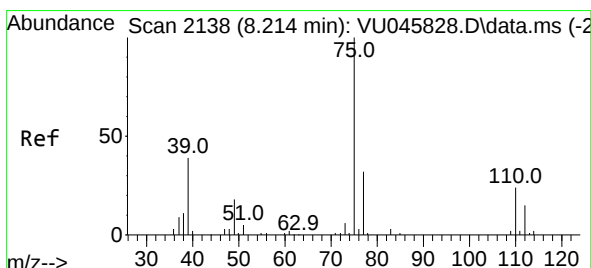
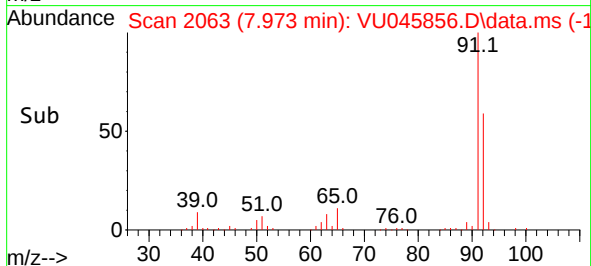
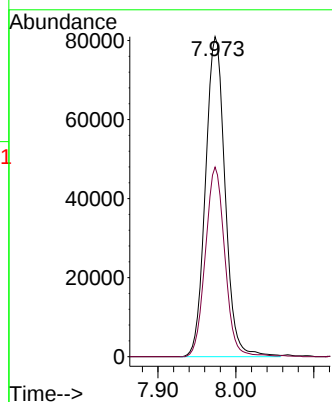
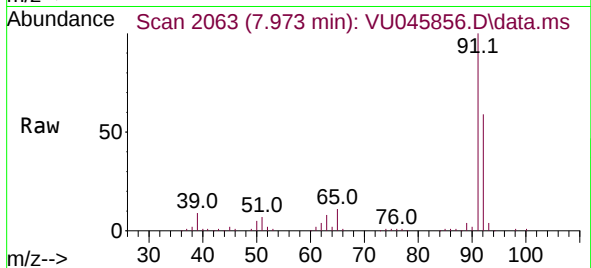




#42
Toluene
Concen: 4.949 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

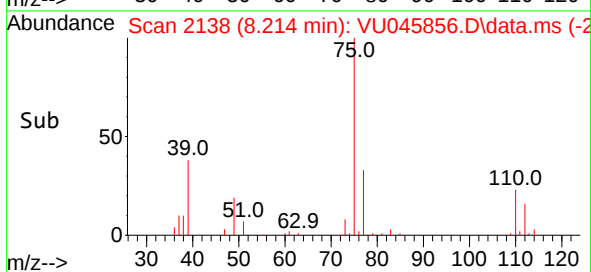
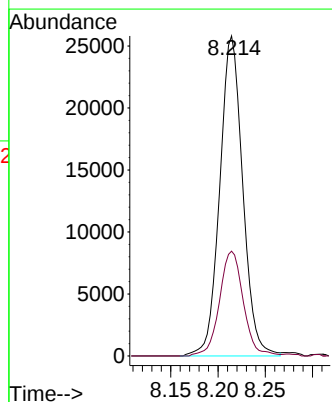
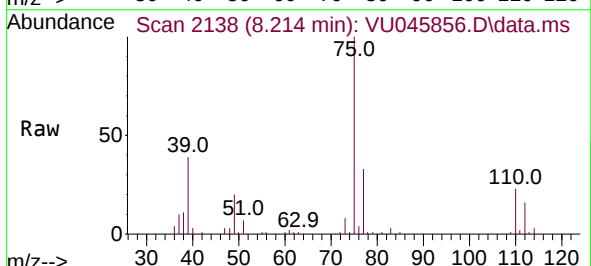
Instrument :
MSVOA_U
ClientSampleId :

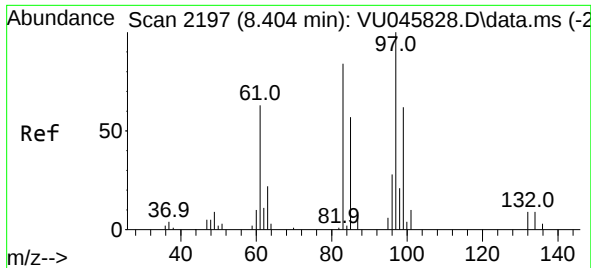
Tgt Ion: 91 Resp: 141881
Ion Ratio Lower Upper
91 100
92 59.3 41.3 76.7



#44
trans-1,3-Dichloropropene
Concen: 4.828 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

Tgt Ion: 75 Resp: 43631
Ion Ratio Lower Upper
75 100
77 32.8 22.7 42.3

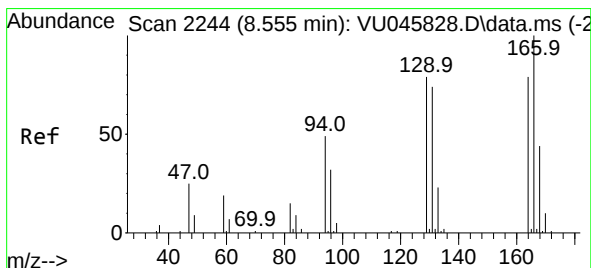
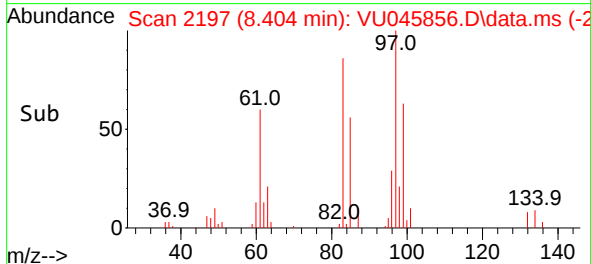
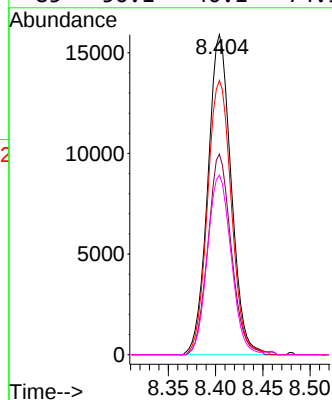
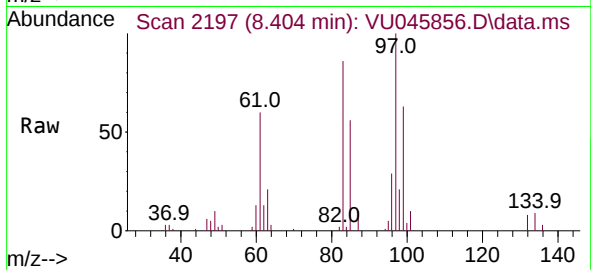




#45
1,1,2-Trichloroethane
Concen: 5.046 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

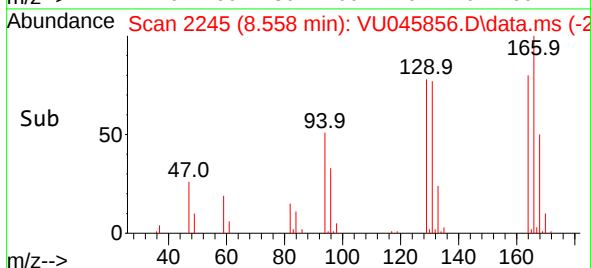
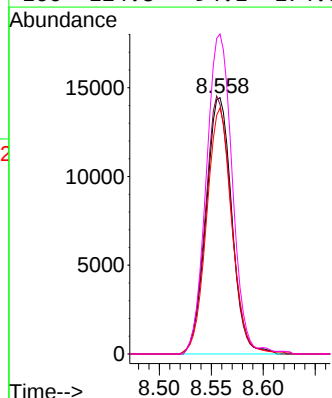
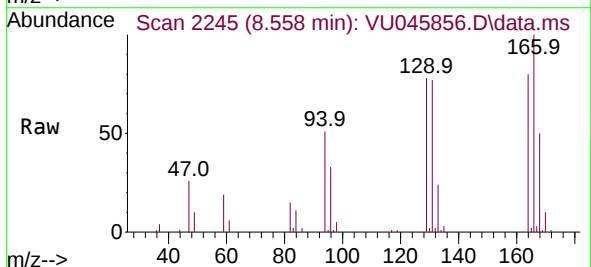
Instrument :
MSVOA_U
ClientSampleId :

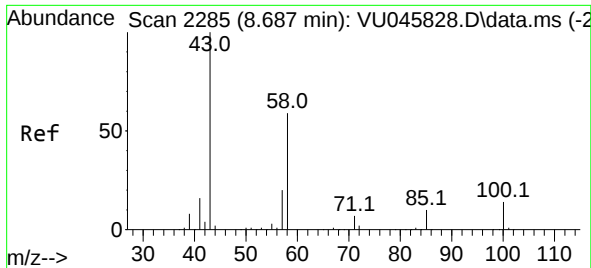
Tgt Ion:	97	Resp:	27379
Ion	Ratio	Lower	Upper
97	100		
99	62.7	42.3	78.5
83	85.7	62.0	115.2
85	56.1	40.1	74.5



#47
Tetrachloroethene
Concen: 4.967 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

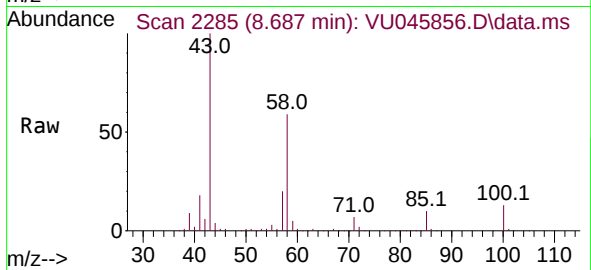
Tgt Ion:	164	Resp:	24889
Ion	Ratio	Lower	Upper
164	100		
129	97.3	71.8	133.4
131	96.0	68.5	127.3
166	124.8	94.1	174.8



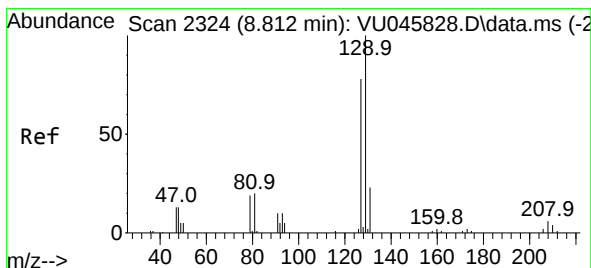
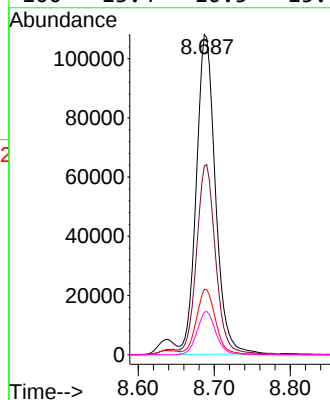
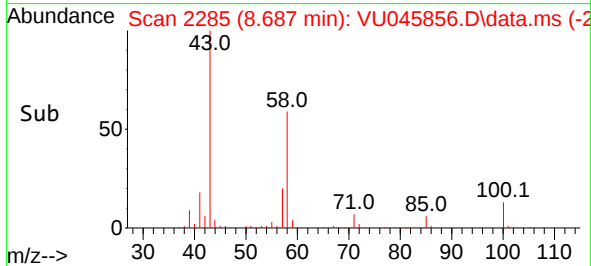


#48
2-Hexanone
Concen: 54.369 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

Instrument :
MSVOA_U
ClientSampleId :

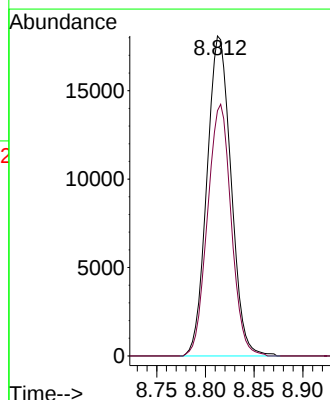
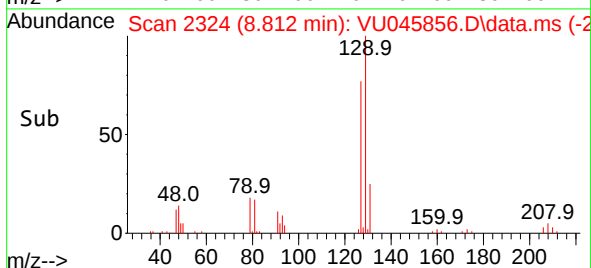
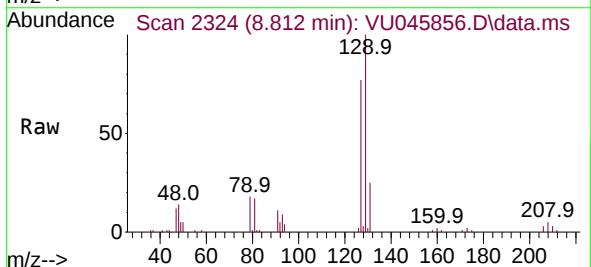


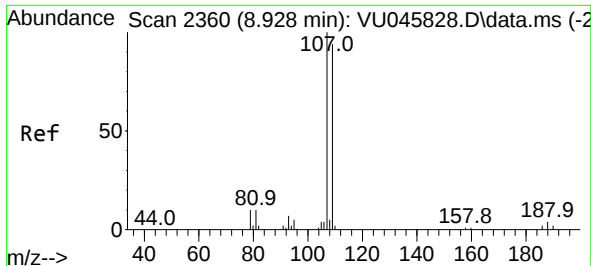
Tgt Ion:	43	Resp:	188309
Ion Ratio	100	Lower	Upper
58	59.5	46.7	70.1
57	20.5	16.3	24.5
100	13.4	10.5	15.7



#49
Dibromochloromethane
Concen: 5.047 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

Tgt Ion:	129	Resp:	31196
Ion Ratio	100	Lower	Upper
127	76.6	55.4	102.8





#50

1,2-Dibromoethane

Concen: 5.047 ug/L

RT: 8.928 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU045856.D

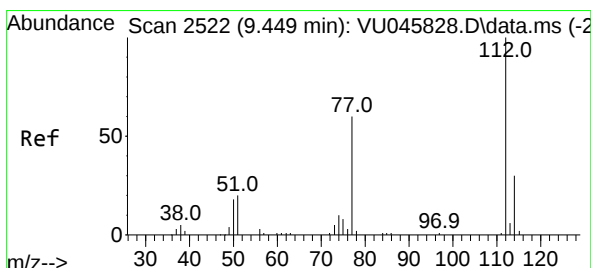
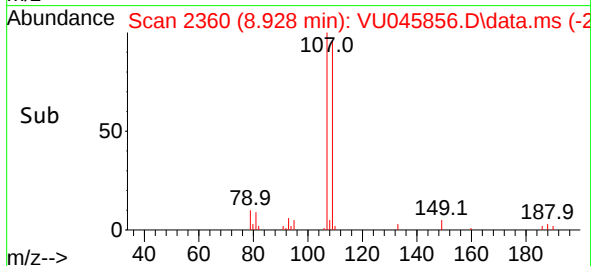
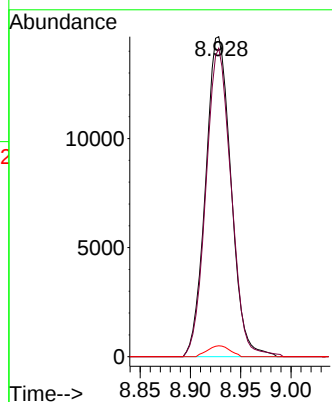
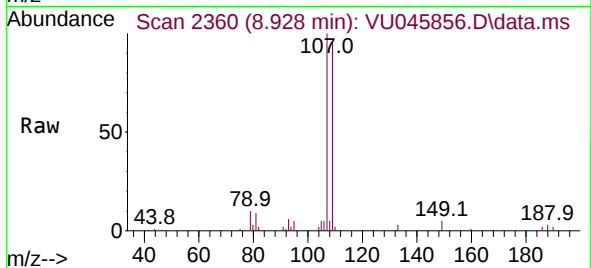
Acq: 18 Nov 2021 09:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:107	Resp:	25802
Ion	Ratio	Lower Upper
107	100	
109	96.3	64.0 119.0
188	3.4	2.4 3.6



#51

Chlorobenzene

Concen: 4.912 ug/L

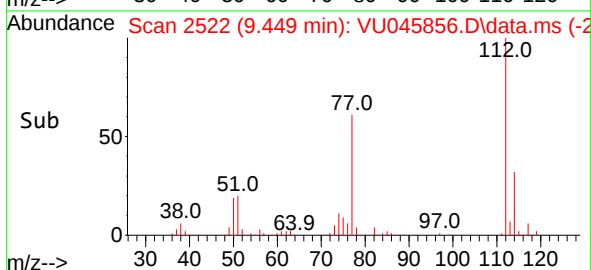
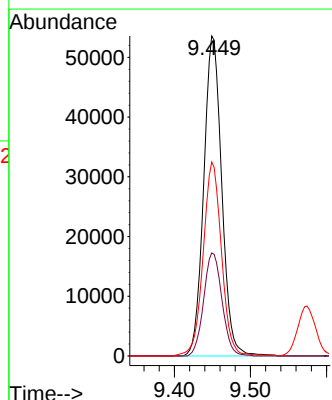
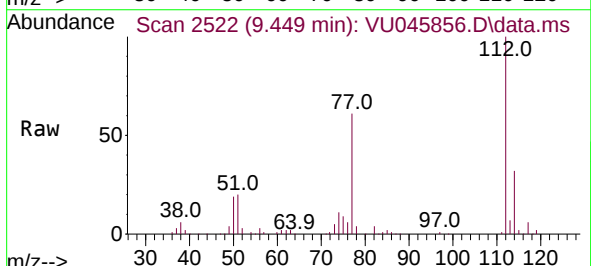
RT: 9.449 min Scan# 2522

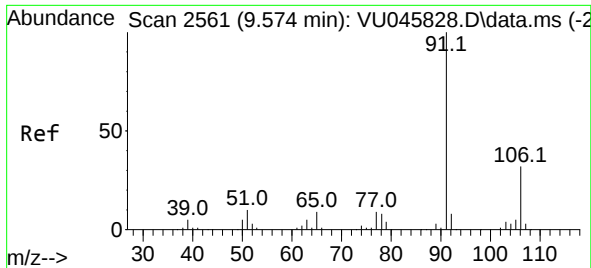
Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

Tgt Ion:112	Resp:	88331
Ion	Ratio	Lower Upper
112	100	
114	32.2	22.1 41.1
77	60.6	48.3 72.5

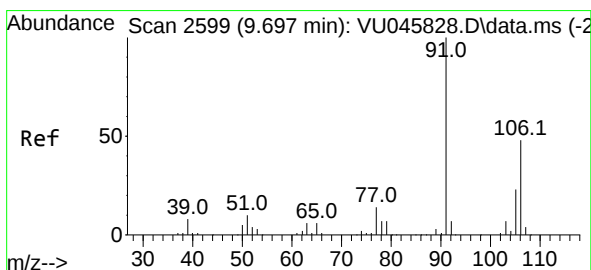
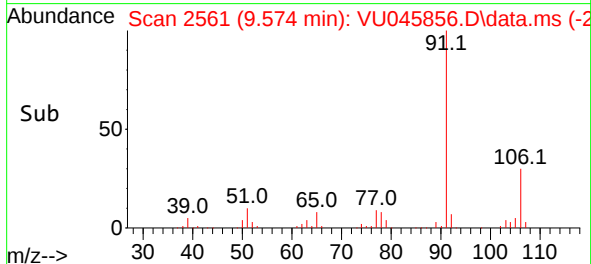
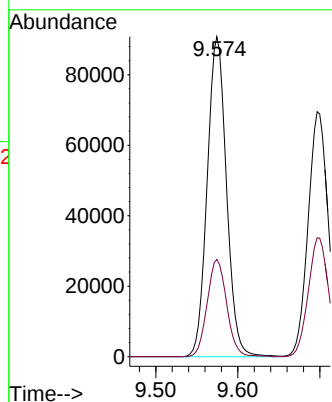
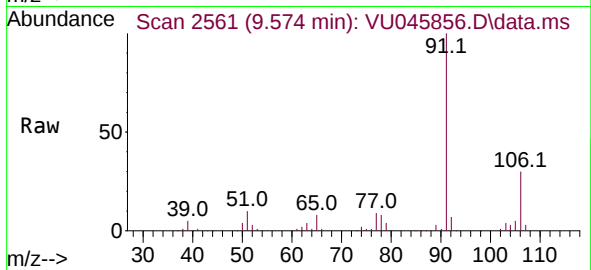




#52
Ethylbenzene
Concen: 4.933 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

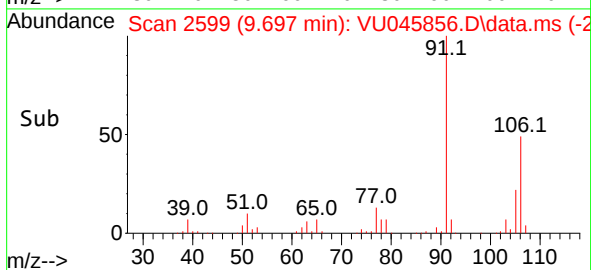
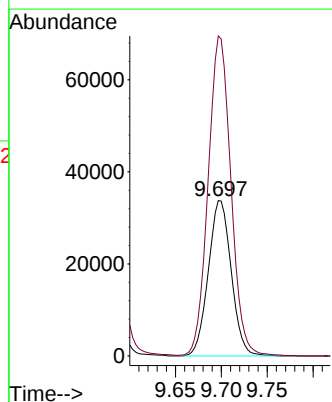
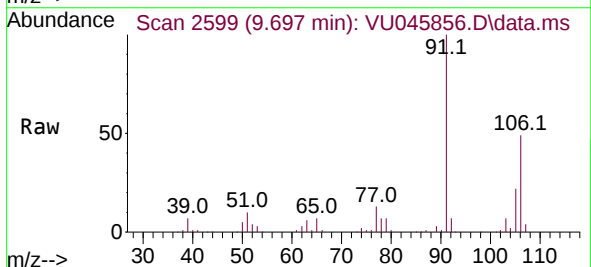
Instrument :
MSVOA_U
ClientSampleId :

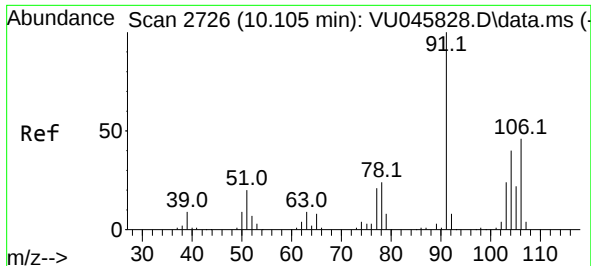
Tgt Ion: 91 Resp: 148046
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 5.098 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

Tgt Ion:106 Resp: 58603
Ion Ratio Lower Upper
106 100
91 206.0 139.4 259.0

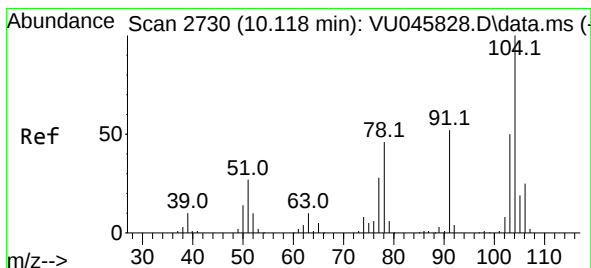
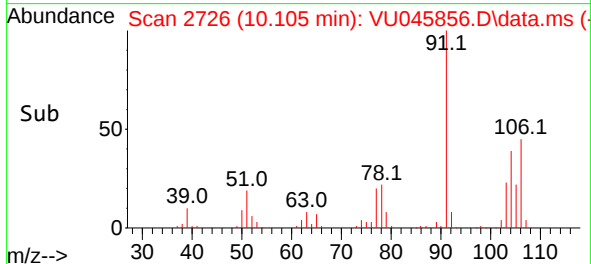
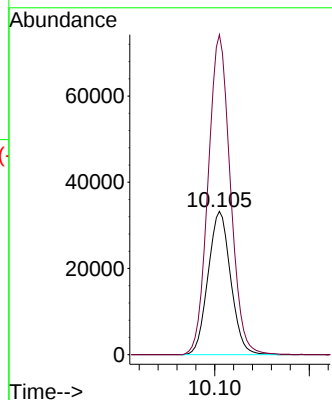
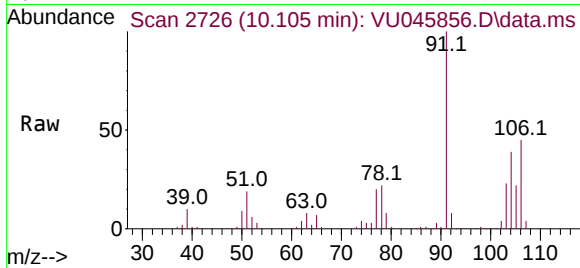




#54
o-Xylene
Concen: 4.973 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

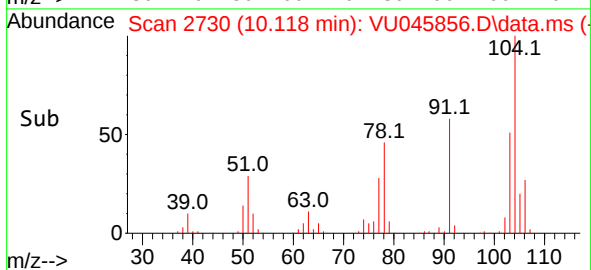
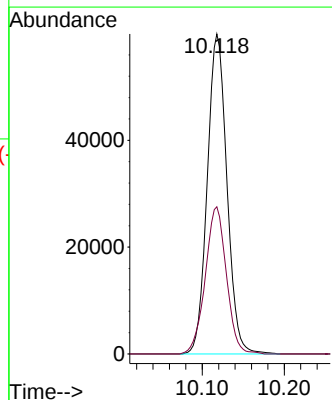
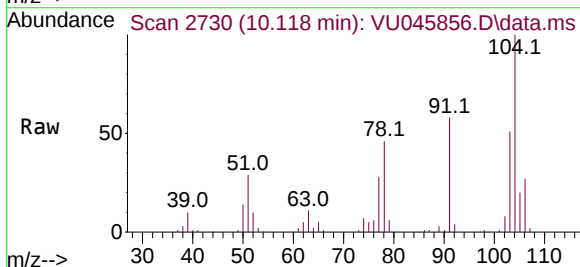
Instrument :
MSVOA_U
ClientSampleId :

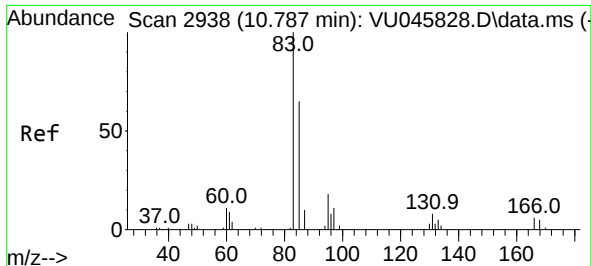
Tgt Ion:106 Resp: 55164
Ion Ratio Lower Upper
106 100
91 223.2 147.5 273.9



#55
Styrene
Concen: 5.338 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

Tgt Ion:104 Resp: 99679
Ion Ratio Lower Upper
104 100
78 46.0 33.0 61.4



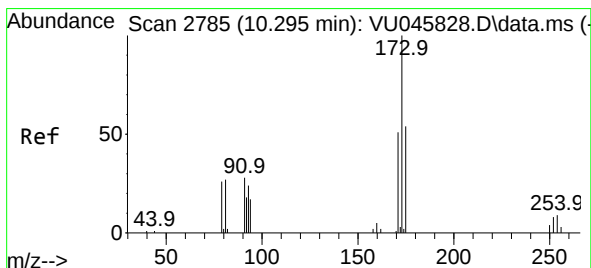
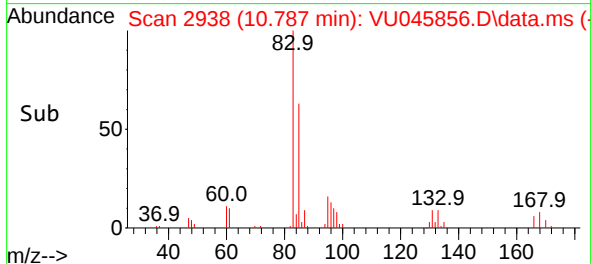
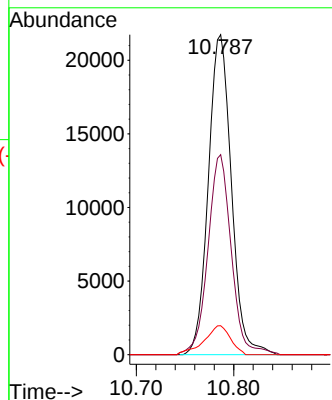
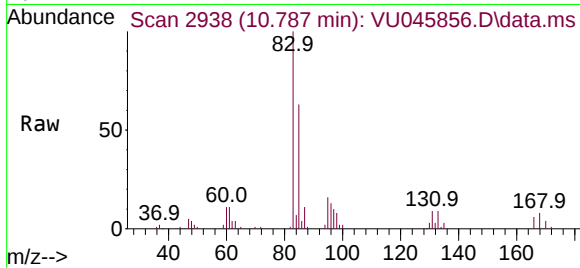


#57
 1,1,2,2-Tetrachloroethane
 Concen: 5.150 ug/L
 RT: 10.787 min Scan# 2938
 Delta R.T. -0.000 min
 Lab File: VU045856.D
 Acq: 18 Nov 2021 09:41

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 83 Resp: 35790

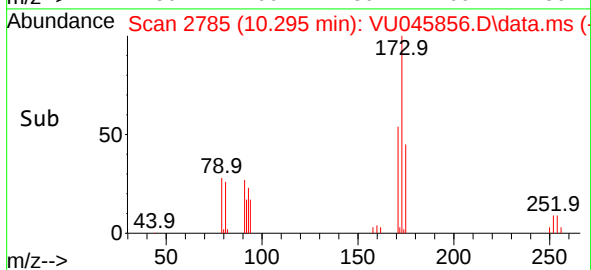
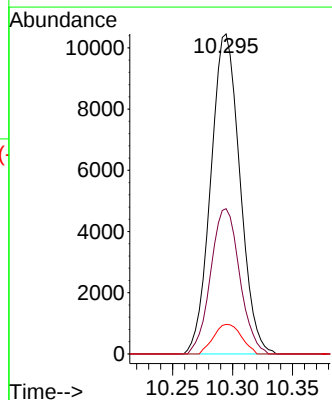
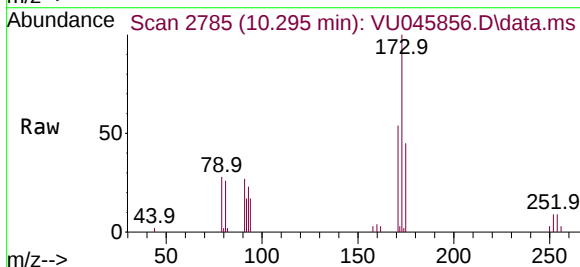
Ion	Ratio	Lower	Upper
83	100		
85	62.5	47.9	89.1
131	9.1	8.1	12.1

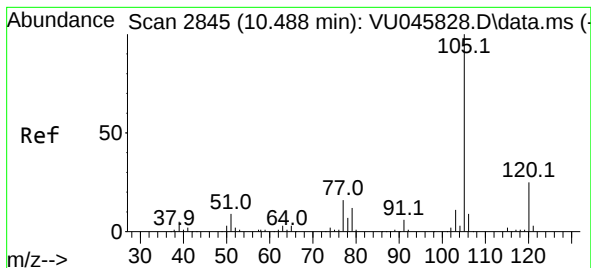


#59
 Bromoform
 Concen: 4.930 ug/L
 RT: 10.295 min Scan# 2785
 Delta R.T. -0.000 min
 Lab File: VU045856.D
 Acq: 18 Nov 2021 09:41

Tgt Ion: 173 Resp: 17616

Ion	Ratio	Lower	Upper
173	100		
175	45.2	37.8	56.6
254	8.8	7.3	10.9





#60

Isopropylbenzene

Concen: 4.640 ug/L

RT: 10.488 min Scan# 2845

Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

Instrument :

MSVOA_U

ClientSampleId :

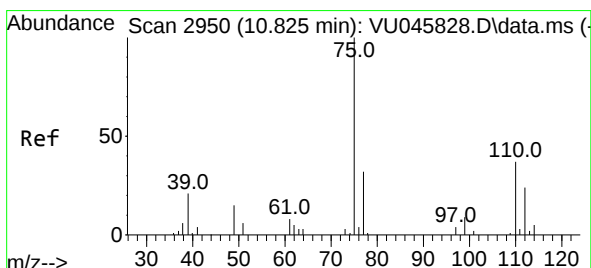
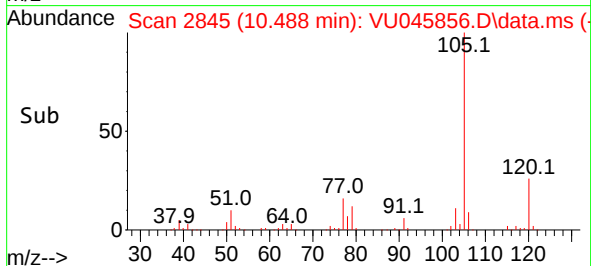
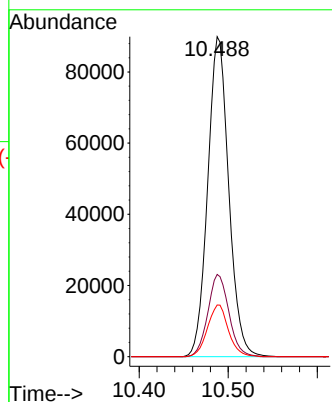
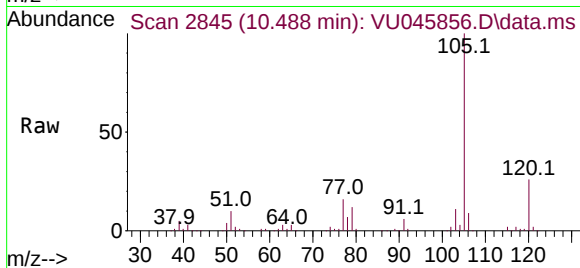
Tgt Ion:105 Resp: 146962

Ion Ratio Lower Upper

105 100

120 25.8 20.7 31.1

77 16.1 12.6 19.0



#61

1,2,3-Trichloropropane

Concen: 4.845 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

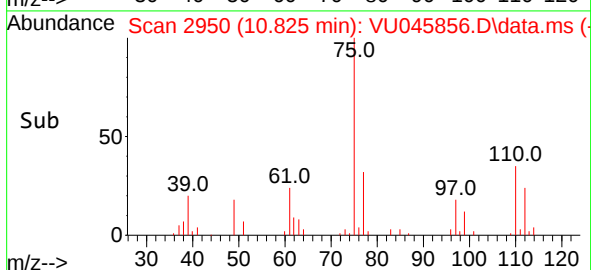
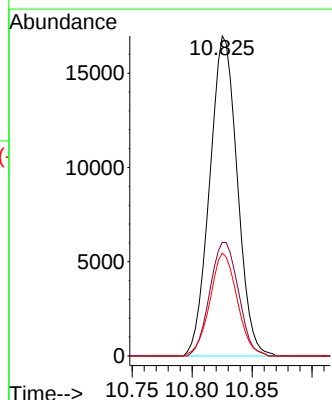
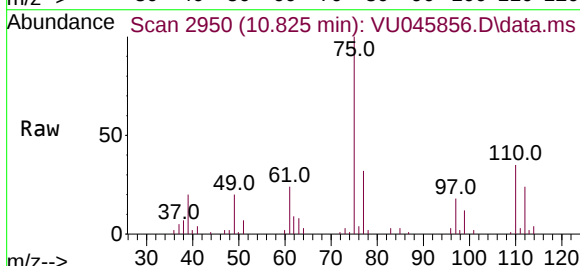
Tgt Ion: 75 Resp: 27132

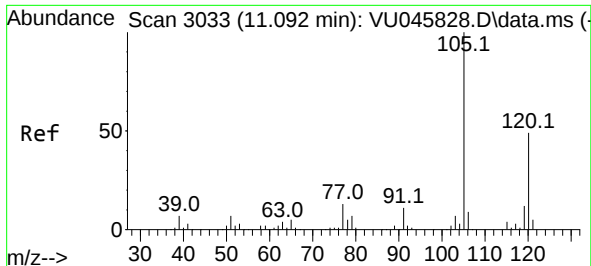
Ion Ratio Lower Upper

75 100

110 36.8 29.9 44.9

77 31.8 25.5 38.3

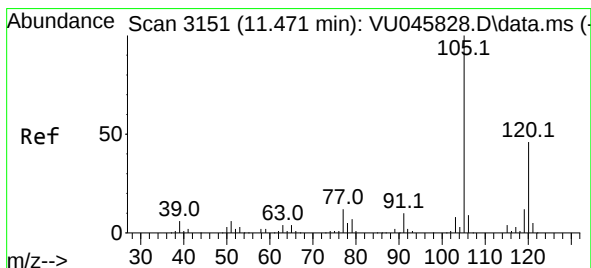
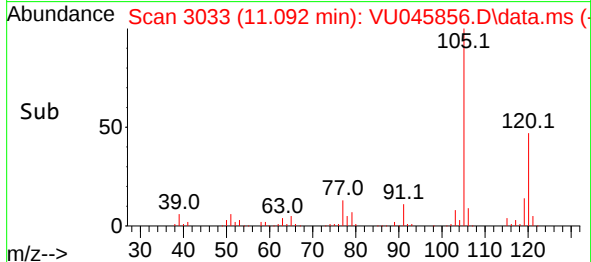
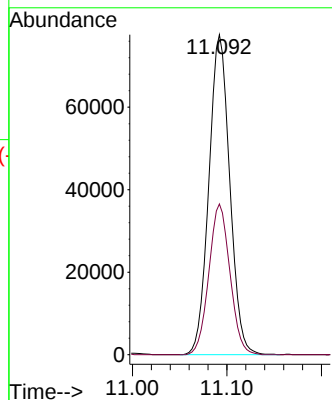
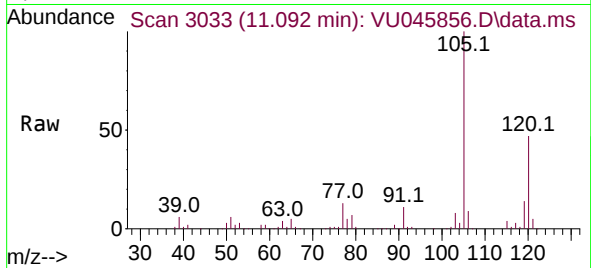




#62
 1,3,5-Trimethylbenzene
 Concen: 4.592 ug/L
 RT: 11.092 min Scan# 3033
 Delta R.T. -0.000 min
 Lab File: VU045856.D
 Acq: 18 Nov 2021 09:41

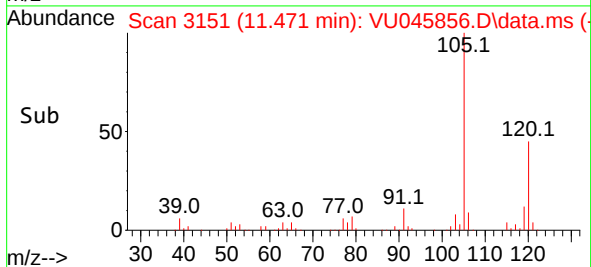
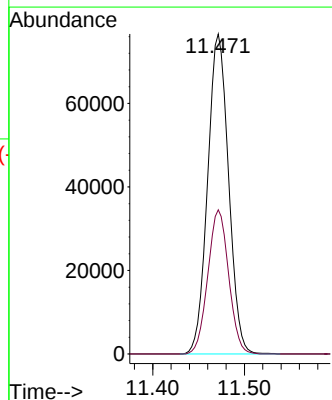
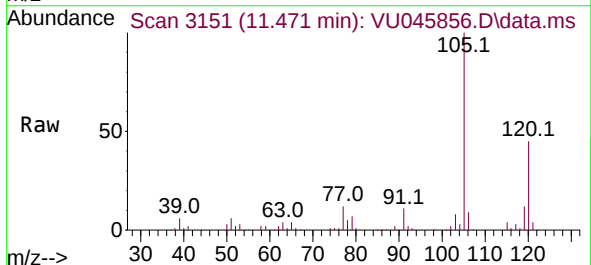
Instrument :
 MSVOA_U
 ClientSampleId :

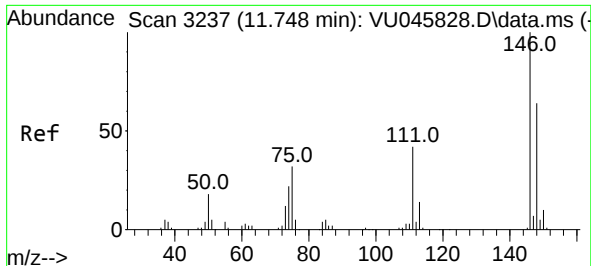
Tgt Ion:105 Resp: 118923
 Ion Ratio Lower Upper
 105 100
 120 47.5 38.3 57.5



#63
 1,2,4-Trimethylbenzene
 Concen: 4.679 ug/L
 RT: 11.471 min Scan# 3151
 Delta R.T. -0.000 min
 Lab File: VU045856.D
 Acq: 18 Nov 2021 09:41

Tgt Ion:105 Resp: 121419
 Ion Ratio Lower Upper
 105 100
 120 44.9 35.8 53.8

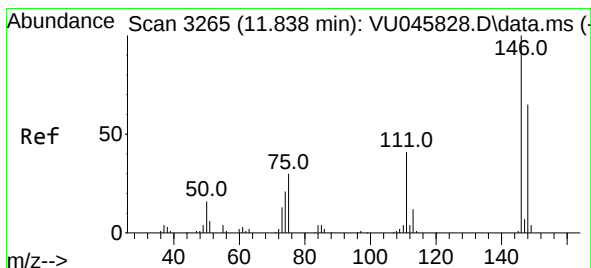
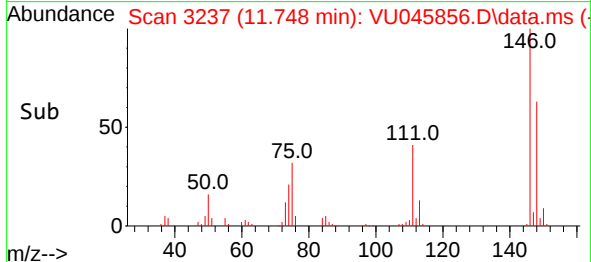
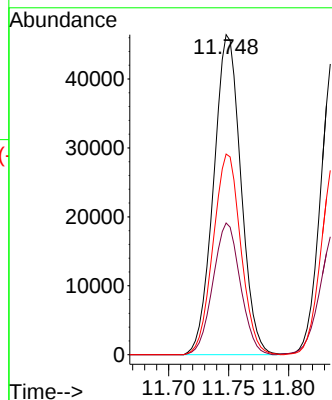
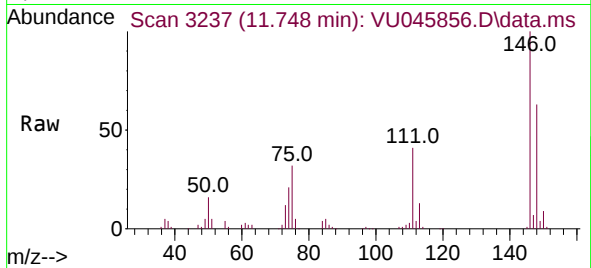




#64
1,3-Dichlorobenzene
Concen: 4.968 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

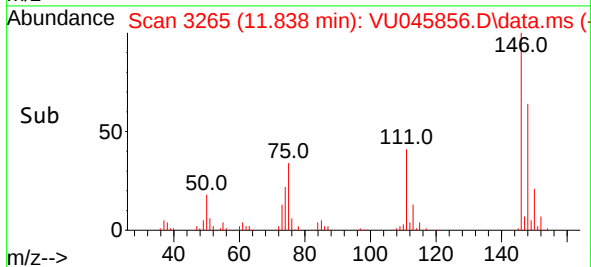
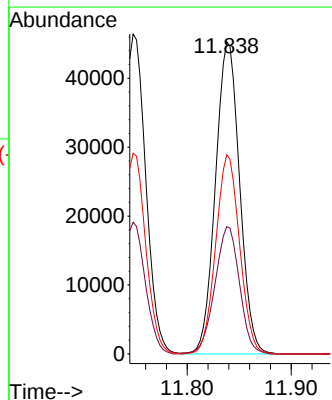
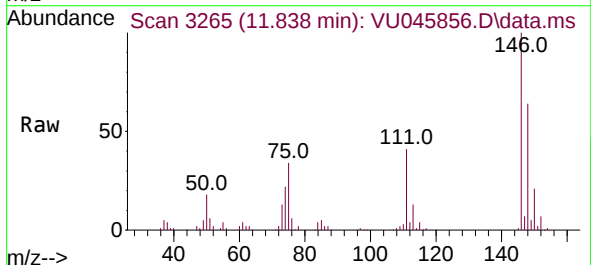
Instrument :
MSVOA_U
ClientSampleId :

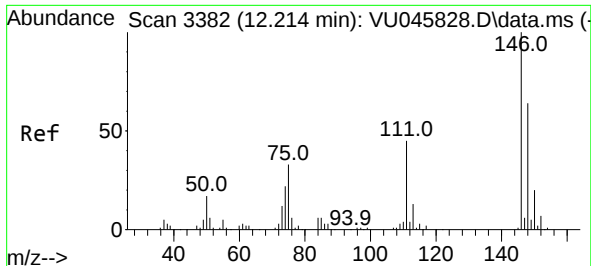
Tgt Ion:	146	Resp:	73411
Ion Ratio	Lower	Upper	
146	100		
111	41.2	29.9	55.5
148	62.7	44.3	82.3



#65
1,4-Dichlorobenzene
Concen: 4.874 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

Tgt Ion:	146	Resp:	73163
Ion Ratio	Lower	Upper	
146	100		
111	40.8	28.7	53.3
148	63.8	45.8	85.0





#67

1,2-Dichlorobenzene

Concen: 4.894 ug/L

RT: 12.214 min Scan# 31

Delta R.T. -0.000 min

Lab File: VU045856.D

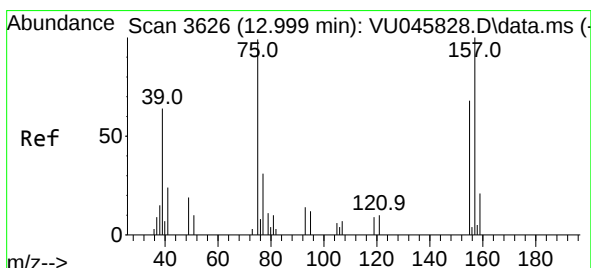
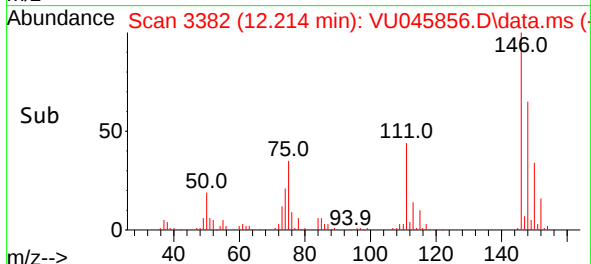
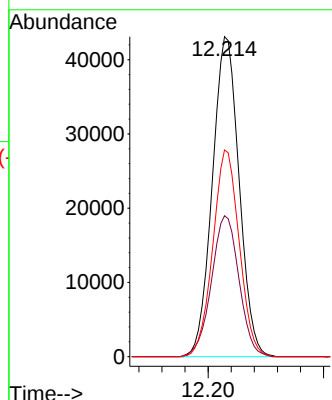
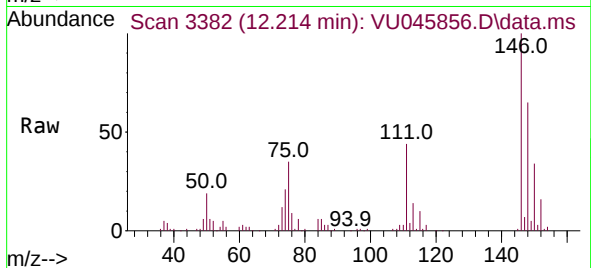
Acq: 18 Nov 2021 09:41

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:146	Resp:	69336
Ion	Ratio	Lower Upper
146	100	
111	44.1	35.4 53.0
148	64.6	51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.465 ug/L

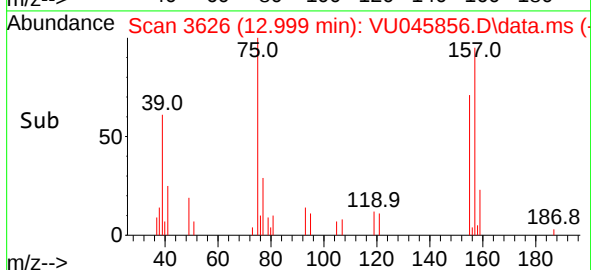
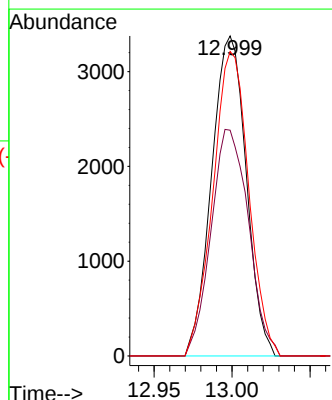
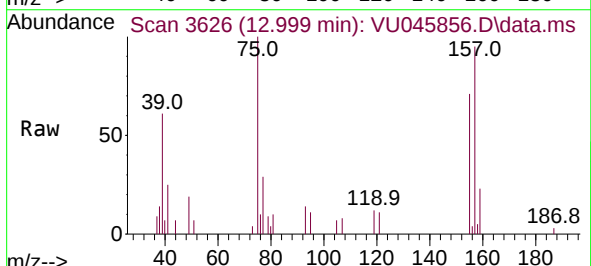
RT: 12.999 min Scan# 3626

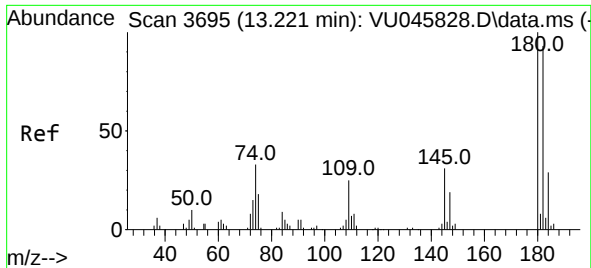
Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

Tgt Ion: 75	Resp:	5203
Ion	Ratio	Lower Upper
75	100	
155	70.6	59.2 88.8
157	95.1	76.5 114.7





#69

1,3,5-Trichlorobenzene

Concen: 4.717 ug/L

RT: 13.221 min Scan# 3695

Delta R.T. -0.000 min

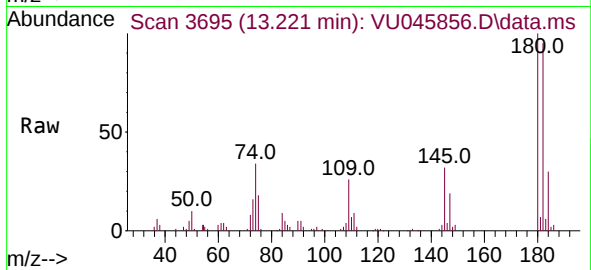
Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 52135

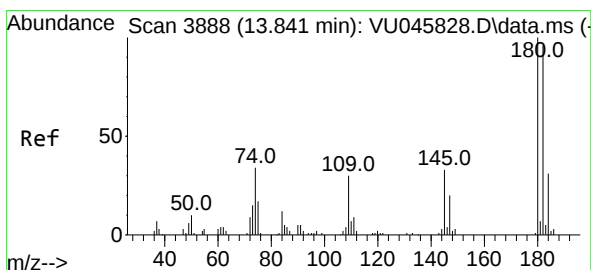
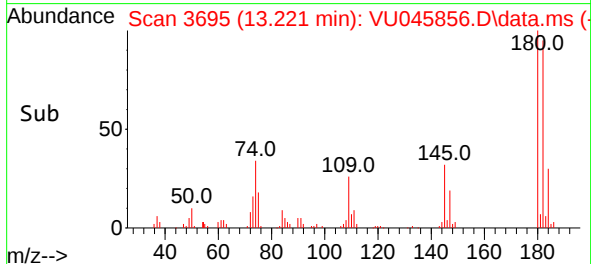
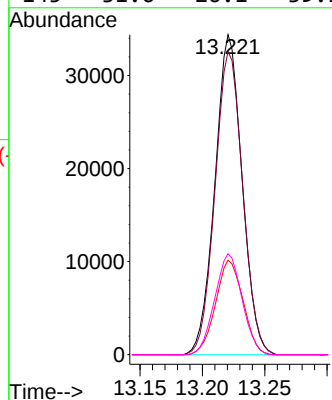
Ion Ratio Lower Upper

180 100

182 96.5 76.1 114.1

184 29.8 25.0 37.4

145 31.6 26.1 39.1



#70

1,2,4-trichlorobenzene

Concen: 4.774 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU045856.D

Acq: 18 Nov 2021 09:41

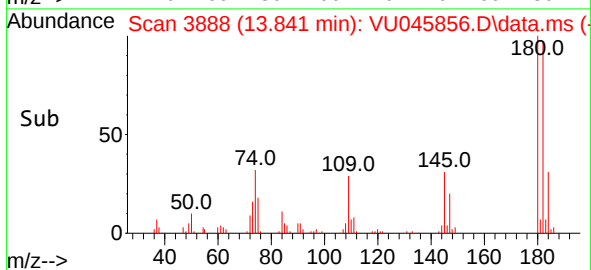
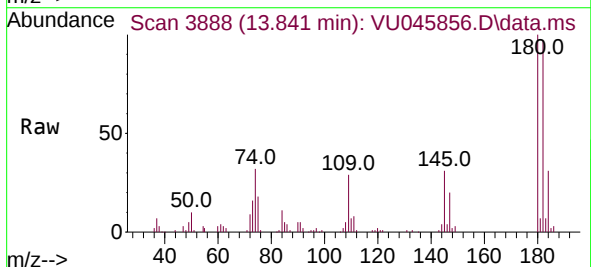
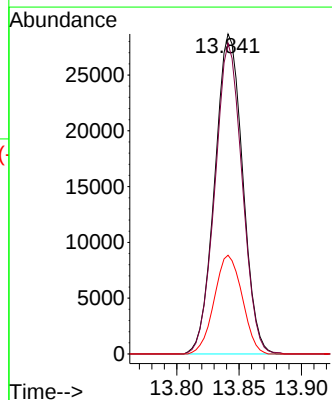
Tgt Ion:180 Resp: 44647

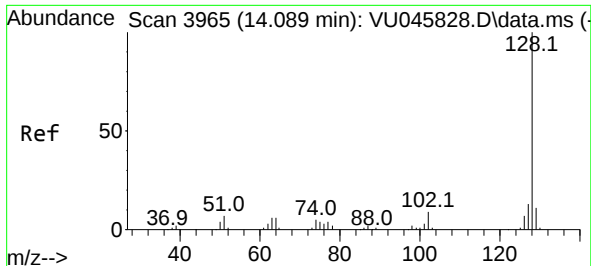
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 30.9 25.6 38.4

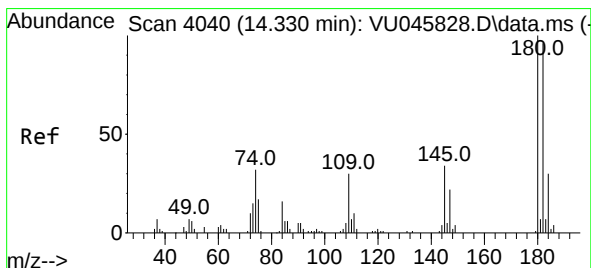
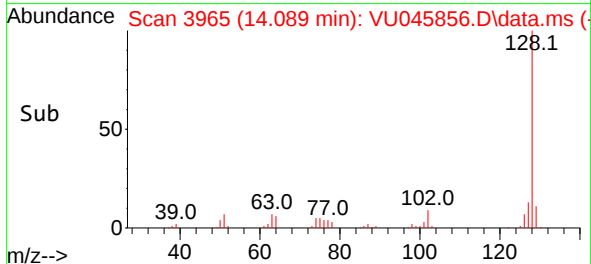
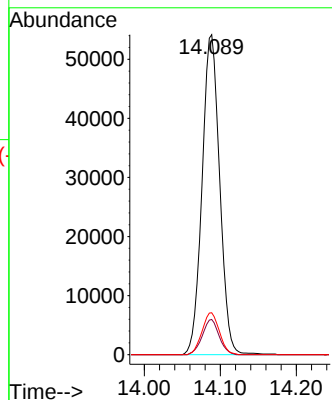
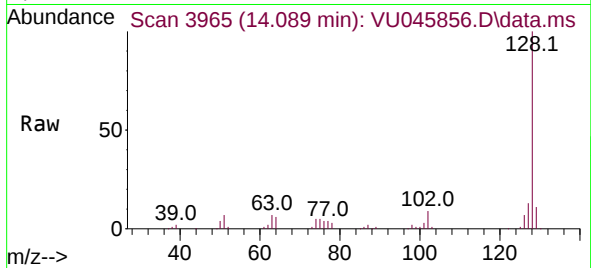




#71
Naphthalene
Concen: 4.535 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 87152
Ion Ratio Lower Upper
128 100
129 10.5 8.4 12.6
127 12.9 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 4.740 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU045856.D
Acq: 18 Nov 2021 09:41

Tgt Ion:180 Resp: 44111
Ion Ratio Lower Upper
180 100
182 96.3 76.2 114.4
145 35.3 28.4 42.6

