

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
 Data File : VU045985.D
 Acq On : 24 Nov 2021 10:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 26 00:12:15 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 24 01:57:54 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	95915	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	96360	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	50338	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	36310	4.778	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.600%
7) Chloroethane-d5	1.919	69	29804	5.388	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.800%
11) 1,1-Dichloroethene-d2	2.571	65	15205	4.771	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.400%
20) 2-Butanone-d5	4.665	46	125864	61.805	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.600%
24) Chloroform-d	5.067	84	67763	5.352	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.000%
26) 1,2-Dichloroethane-d4	5.706	65	39228	5.281	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.732	84	134019	5.051	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.693	67	42793	5.117	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.400%
41) Toluene-d8	7.902	98	121318	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
43) trans-1,3-Dichloroprop...	8.182	79	18486	5.445	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	108.800%
46) 2-Hexanone-d5	8.639	63	97400	63.739	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.480%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	42200	5.973	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	46883	5.424	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	35930	4.601	ug/L	98
3) Chloromethane	1.520	50	34281	4.142	ug/L	100
5) Vinyl chloride	1.607	62	37230	4.482	ug/L	99
6) Bromomethane	1.861	94	18821	3.821	ug/L	98
8) Chloroethane	1.938	64	22907	4.837	ug/L	100
9) Trichlorofluoromethane	2.144	101	53713	5.009	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	31315	4.980	ug/L	99
12) 1,1-Dichloroethene	2.584	96	28458	4.793	ug/L	94
13) Acetone	2.684	43	21770	18.162	ug/L	74
14) Carbon disulfide	2.800	76	78578	4.185	ug/L	100
15) Methyl Acetate	2.970	43	13507	4.593	ug/L #	85
16) Methylene chloride	3.051	84	37295	4.255	ug/L	94
17) Methyl tert-butyl Ether	3.369	73	86933	5.624	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	30682	4.821	ug/L	94
19) 1,1-Dichloroethane	3.874	63	58487	4.905	ug/L	99
21) 2-Butanone	4.735	43	119657	59.331	ug/L	98
22) cis-1,2-Dichloroethene	4.671	96	34916	5.060	ug/L	98
23) Bromochloromethane	4.980	128	16428	5.462	ug/L	94
25) Chloroform	5.095	83	64421	4.980	ug/L	96

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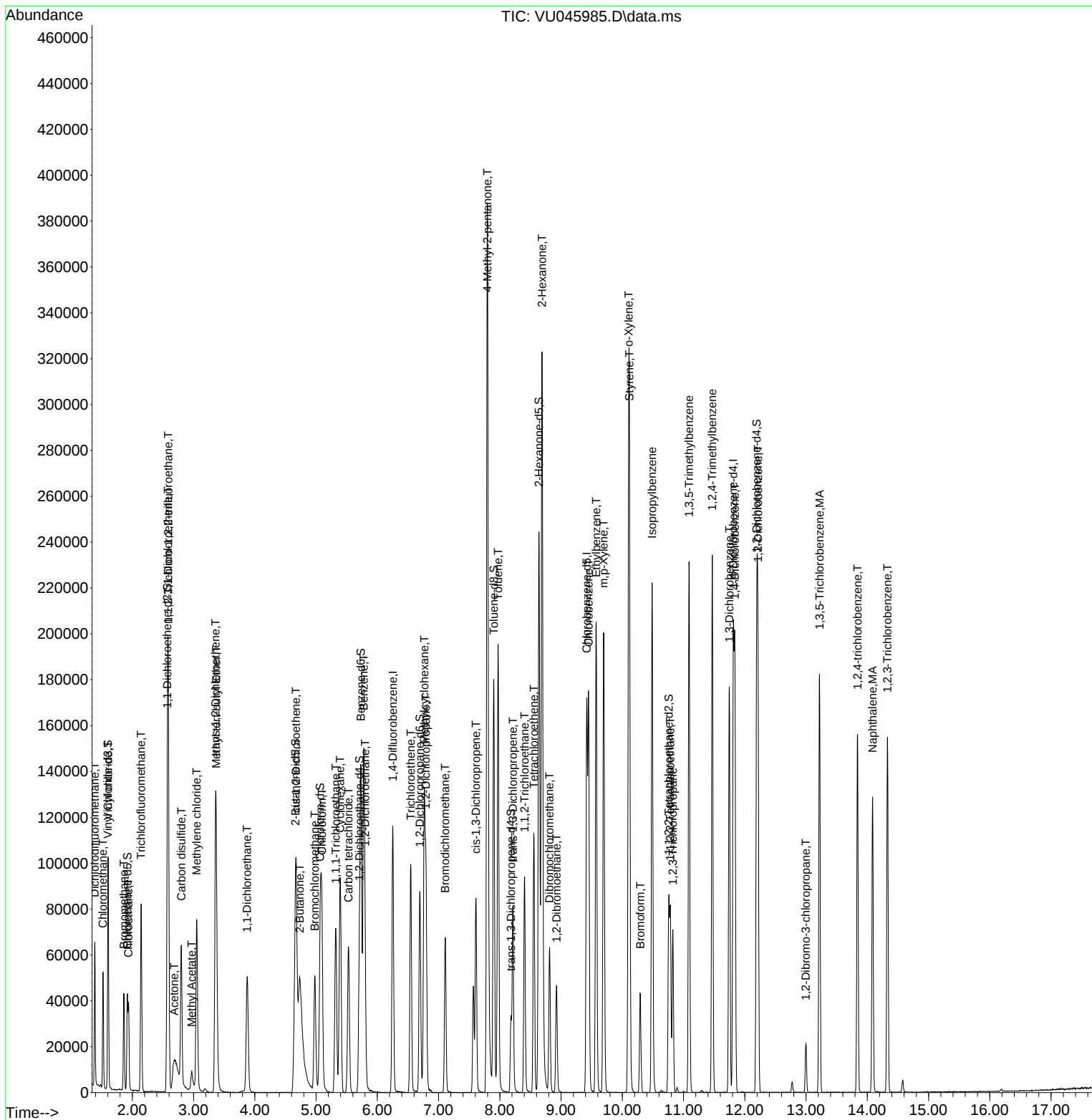
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 ClientSampleId :

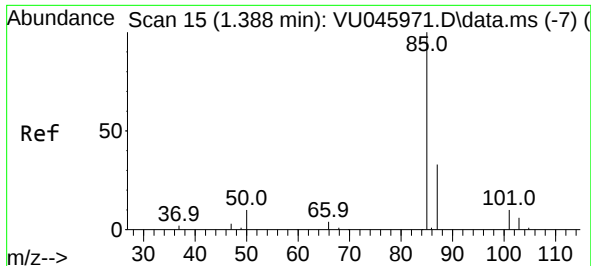
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.800	62	42513	5.151	ug/L	100
29) 1,1,1-Trichloroethane	5.321	97	53313	5.092	ug/L	99
30) Cyclohexane	5.394	56	47988	4.622	ug/L	98
31) Carbon tetrachloride	5.530	117	43922	4.989	ug/L	100
33) Benzene	5.777	78	131161	4.878	ug/L	100
34) Trichloroethene	6.546	95	33859	4.886	ug/L	97
35) Methylcyclohexane	6.767	83	51102	4.802	ug/L	98
37) 1,2-Dichloropropane	6.793	63	35376	4.999	ug/L	99
38) Bromodichloromethane	7.108	83	45214	5.178	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	52639	5.235	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	278031	59.901	ug/L	98
42) Toluene	7.973	91	144488	5.206	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	47531	5.433	ug/L	98
45) 1,1,2-Trichloroethane	8.404	97	29678	5.649	ug/L	97
47) Tetrachloroethene	8.555	164	25475	5.251	ug/L	98
48) 2-Hexanone	8.690	43	212194	63.282	ug/L	96
49) Dibromochloromethane	8.812	129	33187	5.546	ug/L	99
50) 1,2-Dibromoethane	8.928	107	29143	5.888	ug/L	99
51) Chlorobenzene	9.449	112	93111	5.348	ug/L	98
52) Ethylbenzene	9.574	91	155047	5.337	ug/L	99
53) m,p-Xylene	9.697	106	60553	5.441	ug/L	96
54) o-Xylene	10.105	106	58896	5.484	ug/L	96
55) Styrene	10.118	104	101991	5.641	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	38108	5.664	ug/L	95
59) Bromoform	10.295	173	19032	5.708	ug/L	100
60) Isopropylbenzene	10.488	105	157279	5.322	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29489	5.643	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	128459	5.316	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	129267	5.339	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	73258	5.314	ug/L	100
65) 1,4-Dichlorobenzene	11.838	146	72930	5.207	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	72518	5.486	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	5349	4.920	ug/L	89
69) 1,3,5-Trichlorobenzene	13.221	180	54218	5.257	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	47380	5.429	ug/L	98
71) Naphthalene	14.085	128	101319	5.651	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	46249	5.326	ug/L	99

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

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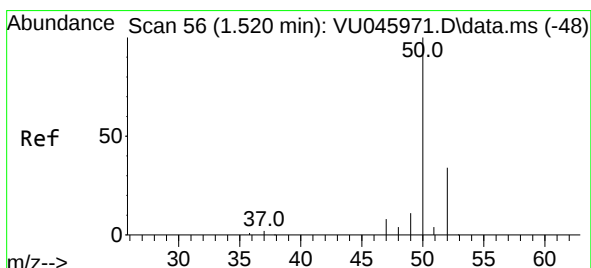
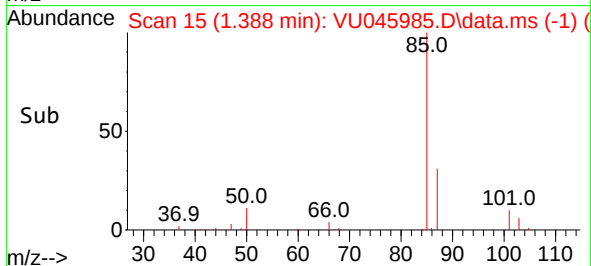
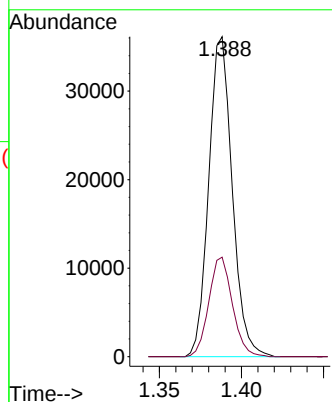
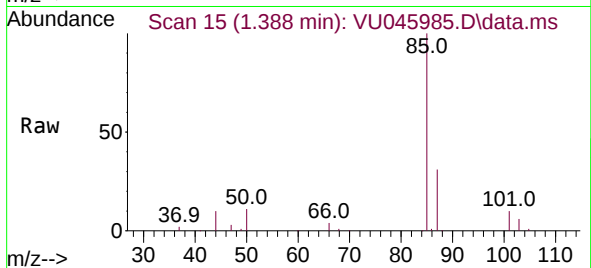




#2
 Dichlorodifluoromethane
 Concen: 4.601 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. -0.000 min
 Lab File: VU045985.D
 Acq: 24 Nov 2021 10:19

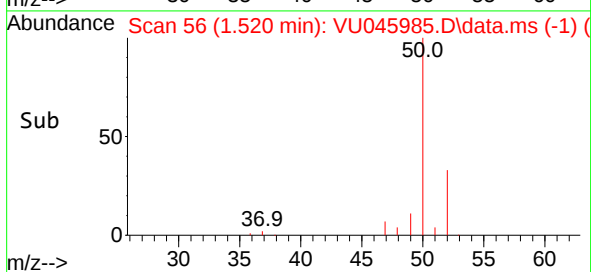
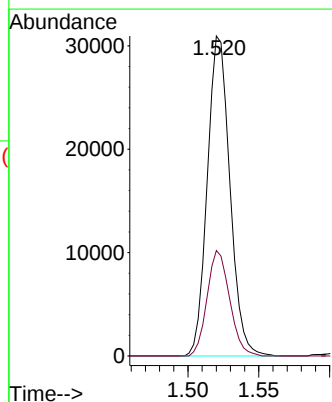
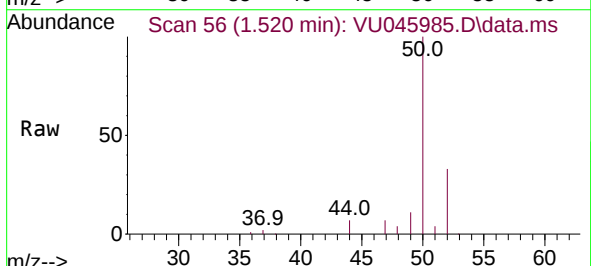
Instrument :
 MSVOA_U
 ClientSampleId :

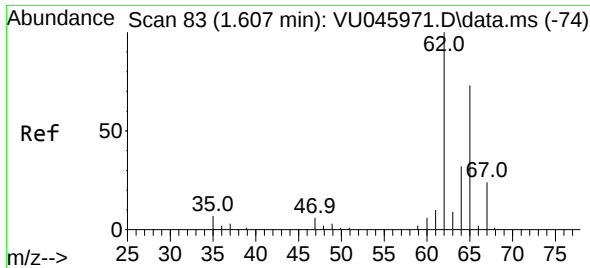
Tgt Ion: 85 Resp: 35930
 Ion Ratio Lower Upper
 85 100
 87 31.2 25.8 38.6



#3
 Chloromethane
 Concen: 4.142 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. -0.000 min
 Lab File: VU045985.D
 Acq: 24 Nov 2021 10:19

Tgt Ion: 50 Resp: 34281
 Ion Ratio Lower Upper
 50 100
 52 32.9 23.0 42.8

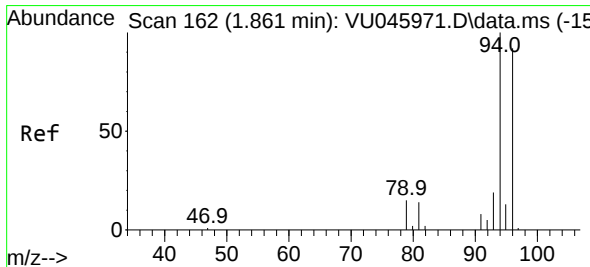
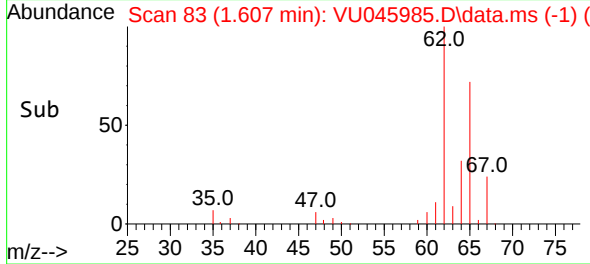
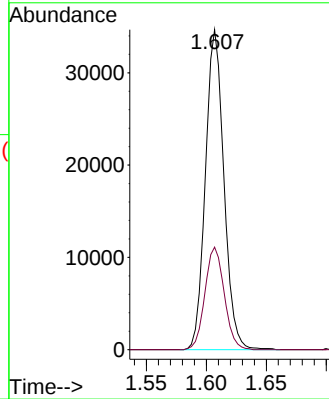
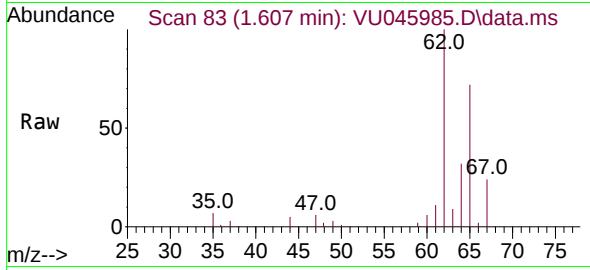




#5
 Vinyl chloride
 Concen: 4.482 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU045985.D
 Acq: 24 Nov 2021 10:19

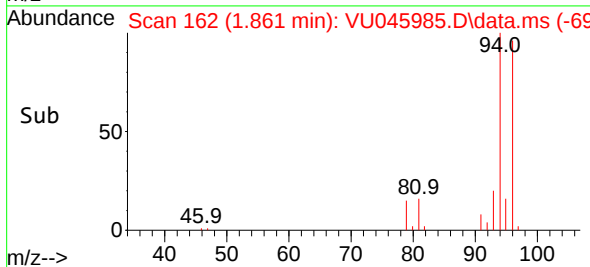
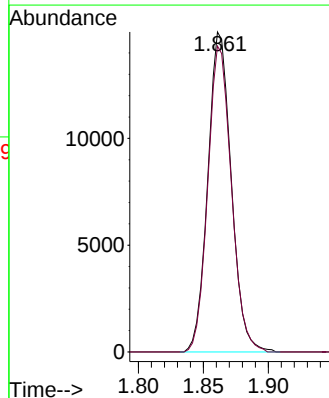
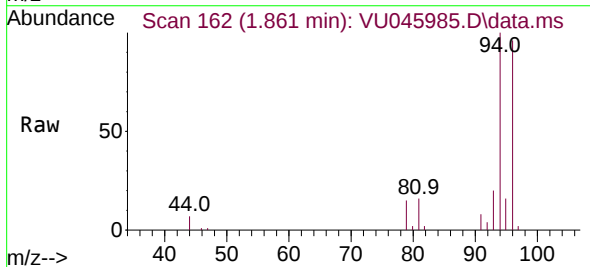
Instrument :
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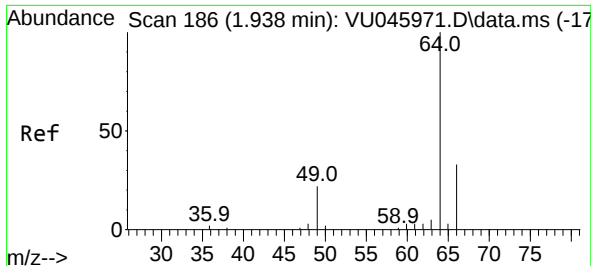
Tgt Ion: 62 Resp: 37230
 Ion Ratio Lower Upper
 62 100
 64 32.0 22.9 42.5



#6
 Bromomethane
 Concen: 3.821 ug/L
 RT: 1.861 min Scan# 162
 Delta R.T. -0.000 min
 Lab File: VU045985.D
 Acq: 24 Nov 2021 10:19

Tgt Ion: 94 Resp: 18821
 Ion Ratio Lower Upper
 94 100
 96 95.6 65.5 121.6

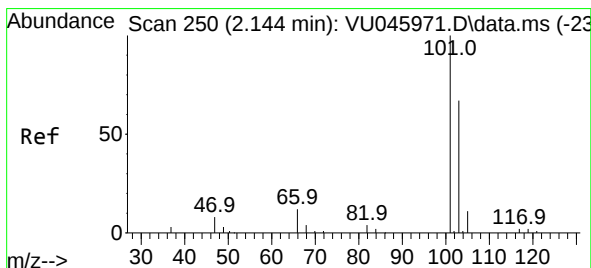
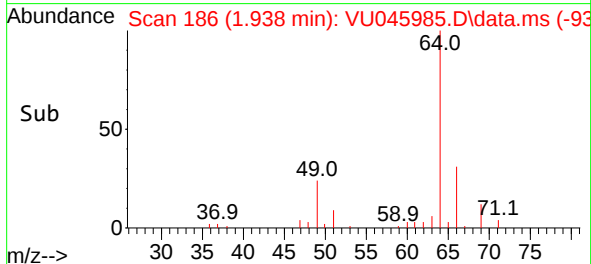
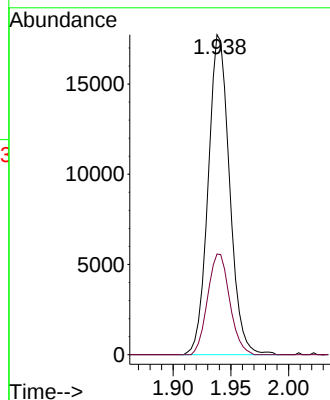
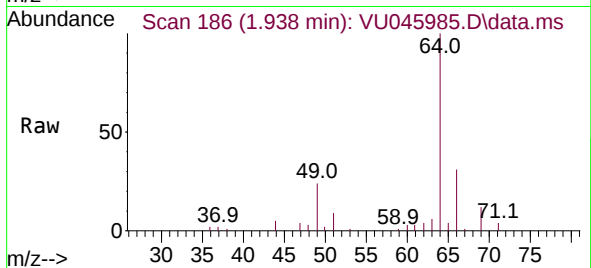




#8
Chloroethane
Concen: 4.837 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

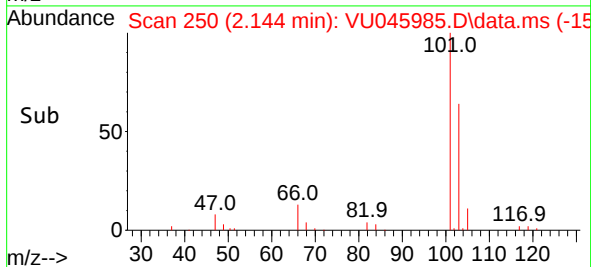
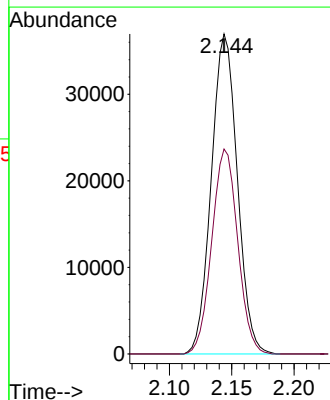
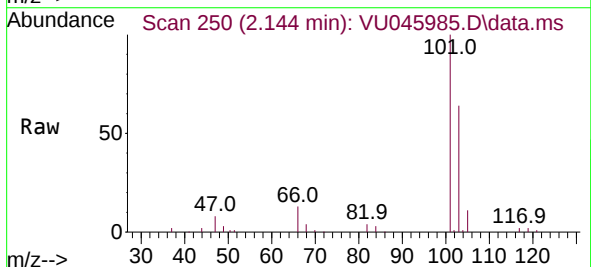
Instrument :
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ClientSampleId :

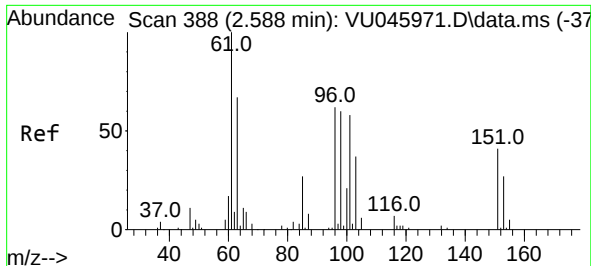
Tgt Ion: 64 Resp: 22907
Ion Ratio Lower Upper
64 100
66 31.5 22.1 41.1



#9
Trichlorofluoromethane
Concen: 5.009 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion:101 Resp: 53713
Ion Ratio Lower Upper
101 100
103 63.8 51.5 77.3

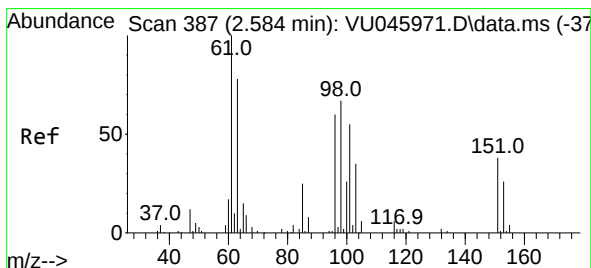
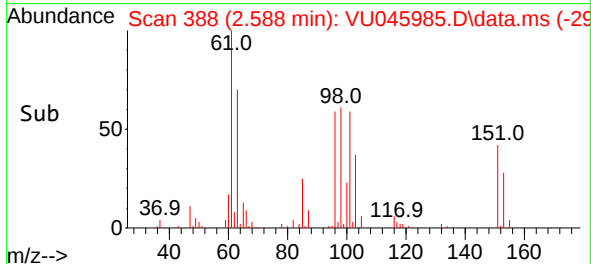
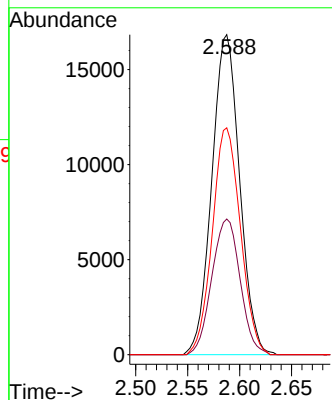
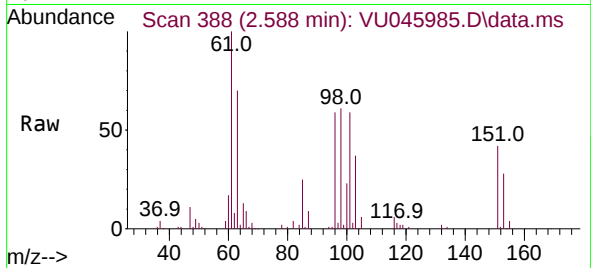




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.980 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU045985.D
 Acq: 24 Nov 2021 10:19

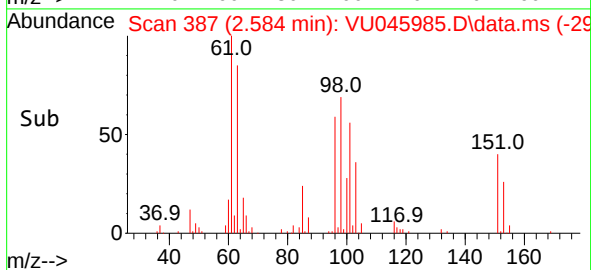
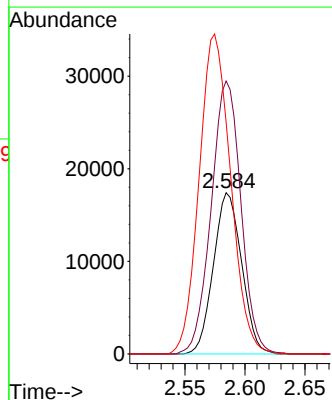
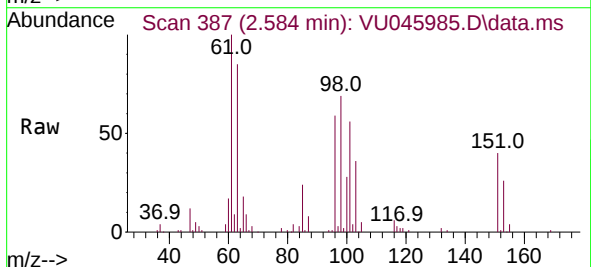
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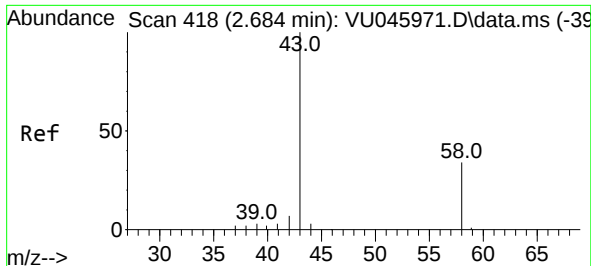
Tgt Ion:101 Resp: 31315
 Ion Ratio Lower Upper
 101 100
 85 43.2 34.6 51.8
 151 71.6 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.793 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.000 min
 Lab File: VU045985.D
 Acq: 24 Nov 2021 10:19

Tgt Ion: 96 Resp: 28458
 Ion Ratio Lower Upper
 96 100
 61 169.3 124.7 231.5
 63 143.8 105.2 195.4





#13

Acetone

Concen: 18.162 ug/L

RT: 2.684 min Scan# 418

Delta R.T. -0.000 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

Instrument :

MSVOA_U

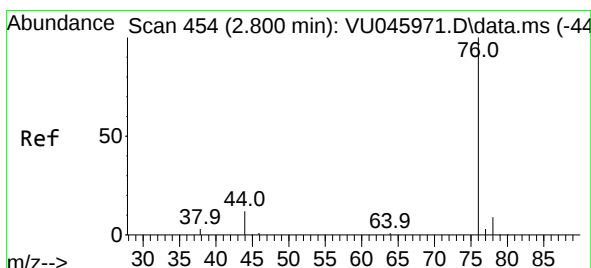
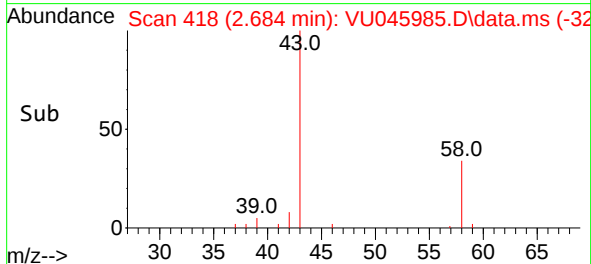
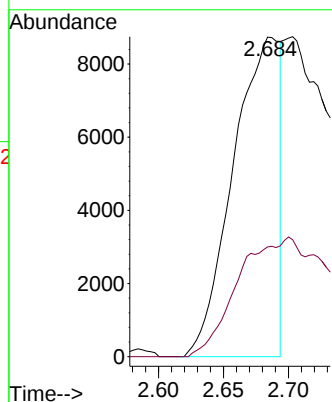
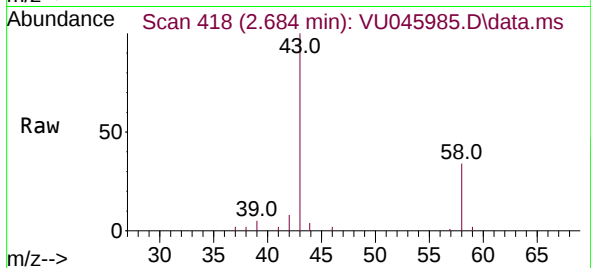
ClientSampleId :

Tgt Ion: 43 Resp: 21770

Ion Ratio Lower Upper

43 100

58 50.8 0.0 71.6



#14

Carbon disulfide

Concen: 4.185 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU045985.D

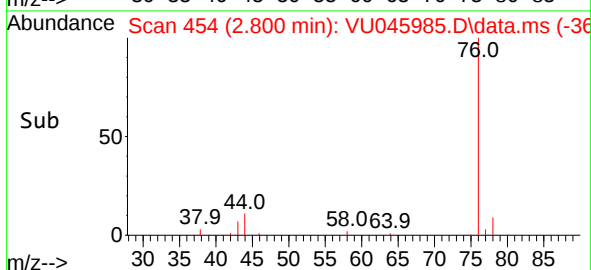
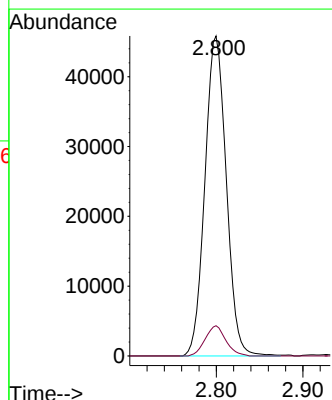
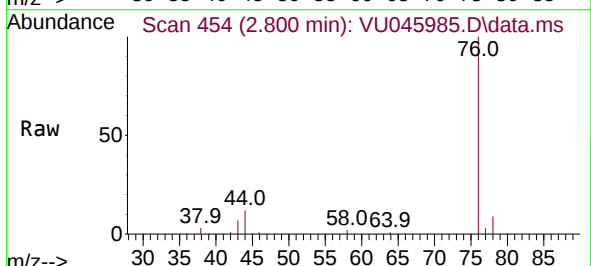
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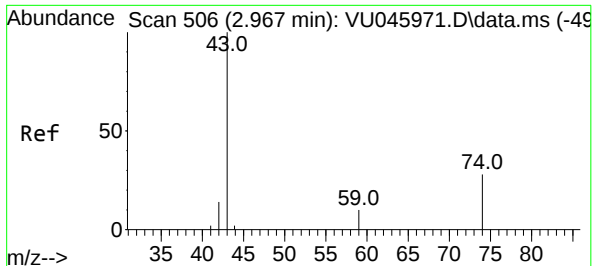
Tgt Ion: 76 Resp: 78578

Ion Ratio Lower Upper

76 100

78 9.5 7.5 11.3

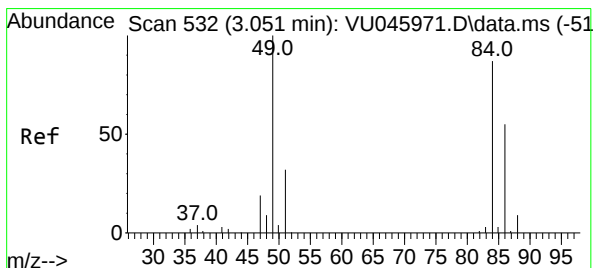
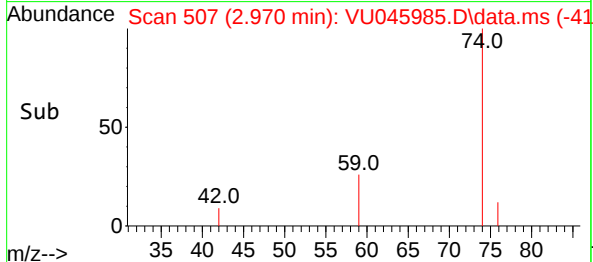
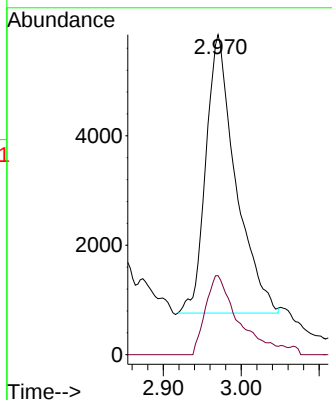
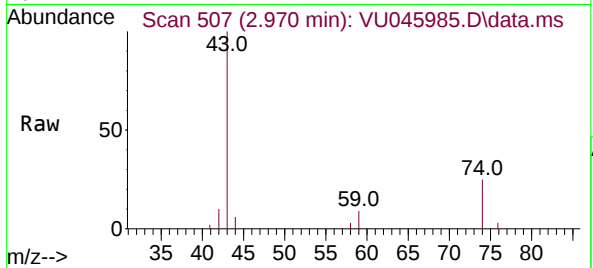




#15
Methyl Acetate
Concen: 4.593 ug/L
RT: 2.970 min Scan# 506
Delta R.T. 0.003 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

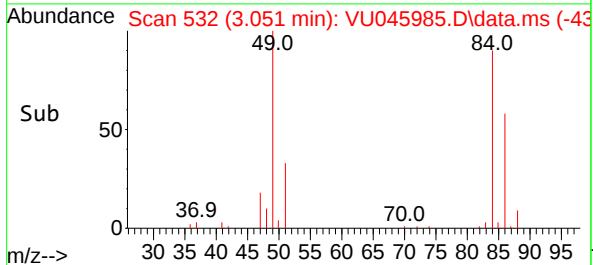
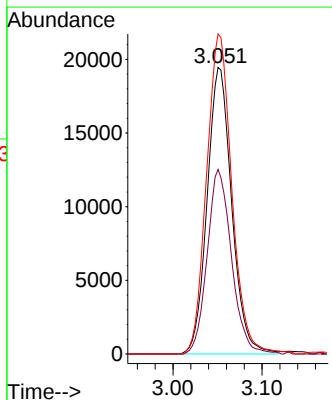
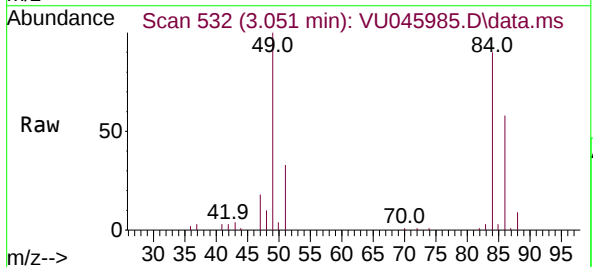
Instrument :
MSVOA_U
ClientSampleId :

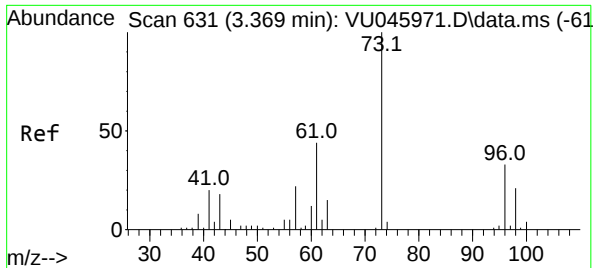
Tgt Ion: 43 Resp: 13507
Ion Ratio Lower Upper
43 100
74 31.1 19.1 28.7#



#16
Methylene chloride
Concen: 4.255 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion: 84 Resp: 37295
Ion Ratio Lower Upper
84 100
86 64.4 45.8 85.0
49 111.7 84.5 156.9

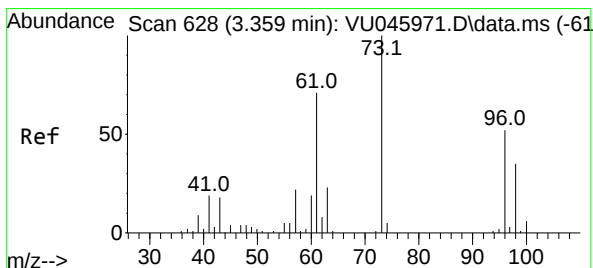
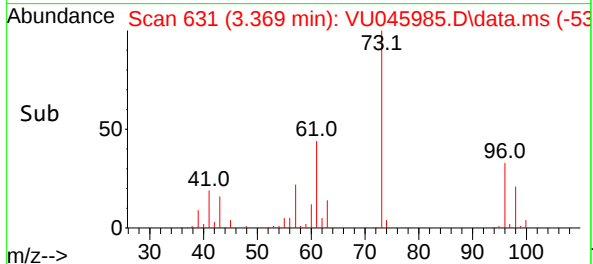
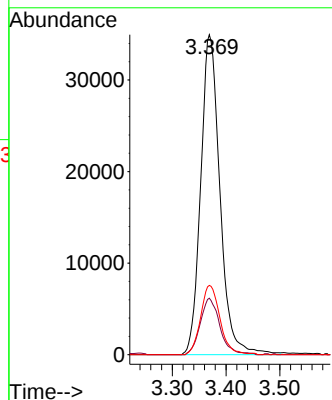
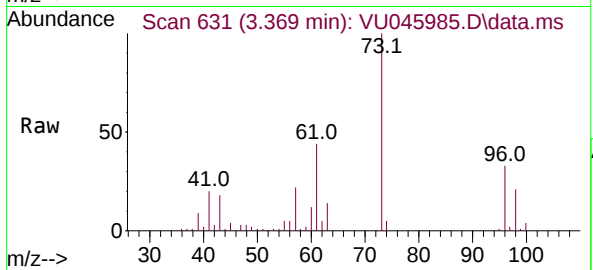




#17
Methyl tert-butyl Ether
Concen: 5.624 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

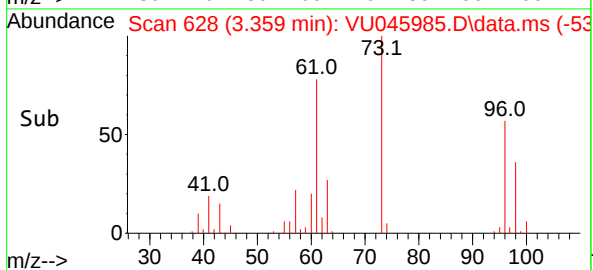
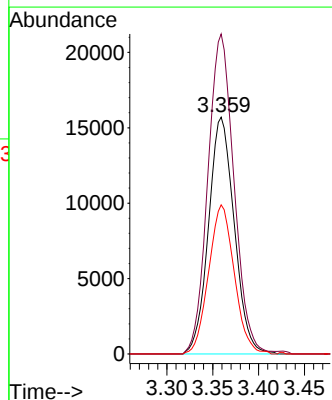
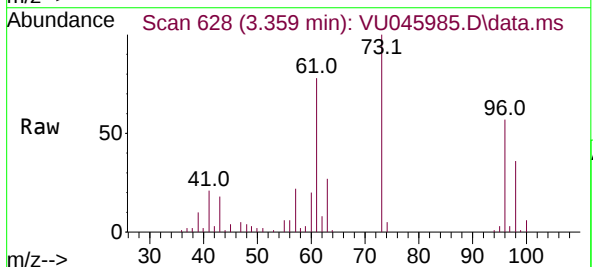
Instrument :
MSVOA_U
ClientSampleId :

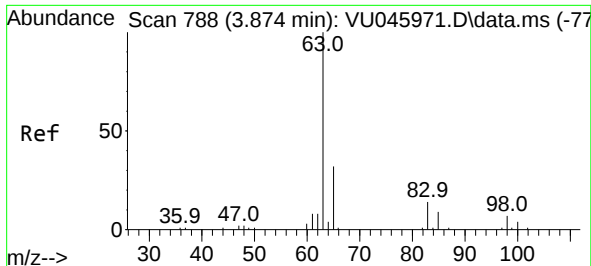
Tgt Ion: 73 Resp: 86933
Ion Ratio Lower Upper
73 100
43 18.1 14.8 22.2
57 21.7 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.821 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion: 96 Resp: 30682
Ion Ratio Lower Upper
96 100
61 135.1 100.8 187.2
98 62.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 4.905 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

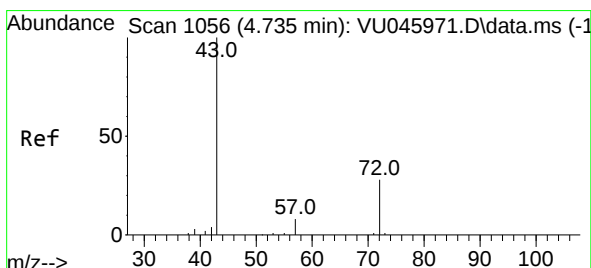
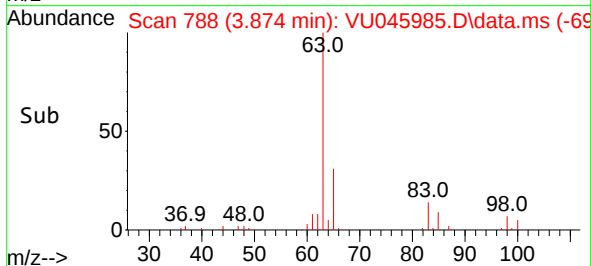
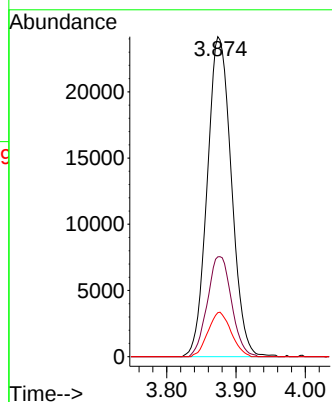
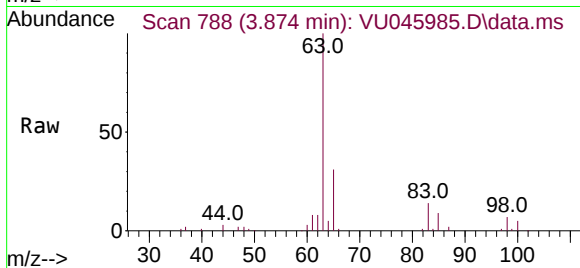
Tgt Ion: 63 Resp: 58487

Ion Ratio Lower Upper

63 100

65 31.2 22.3 41.5

83 13.7 9.6 17.8



#21

2-Butanone

Concen: 59.331 ug/L

RT: 4.735 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VU045985.D

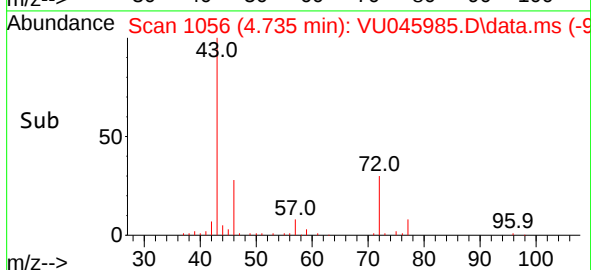
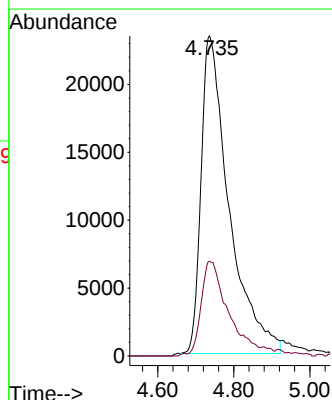
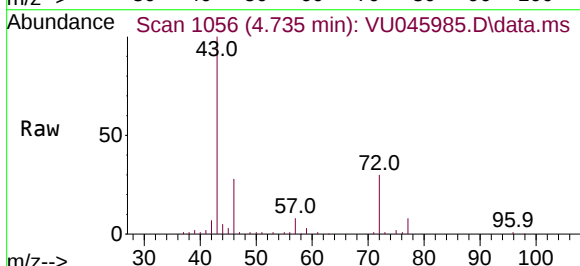
Acq: 24 Nov 2021 10:19

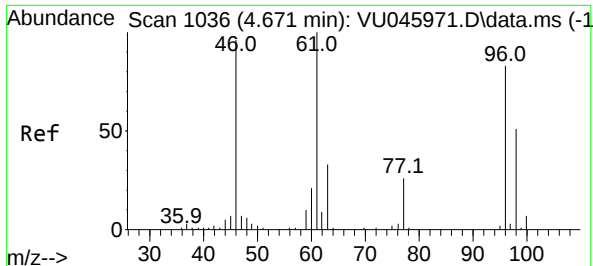
Tgt Ion: 43 Resp: 119657

Ion Ratio Lower Upper

43 100

72 27.3 14.1 42.3





#22

cis-1,2-Dichloroethene

Concen: 5.060 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

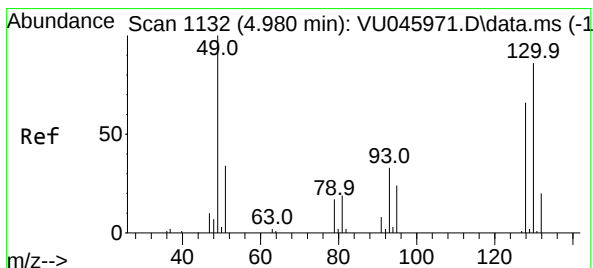
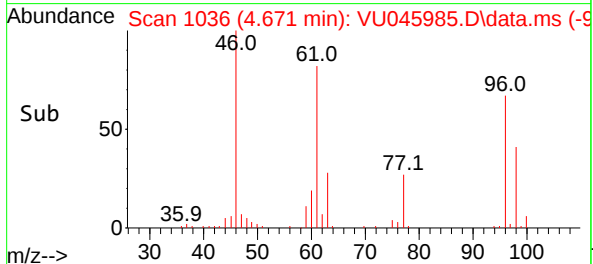
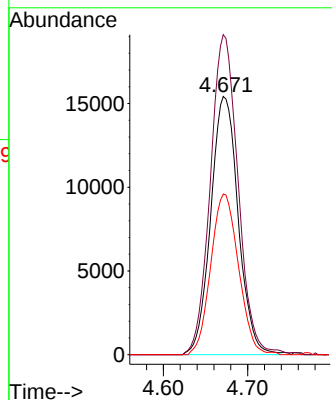
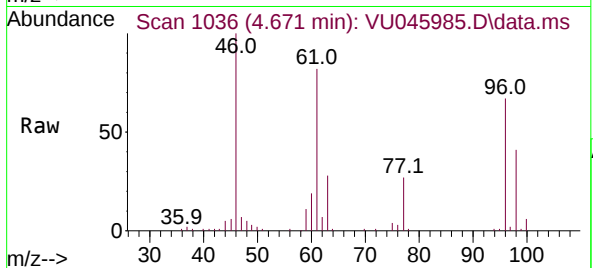
Tgt Ion: 96 Resp: 34916

Ion Ratio Lower Upper

96 100

61 123.9 88.5 164.3

98 62.2 44.4 82.5



#23

Bromochloromethane

Concen: 5.462 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

Tgt Ion:128 Resp: 16428

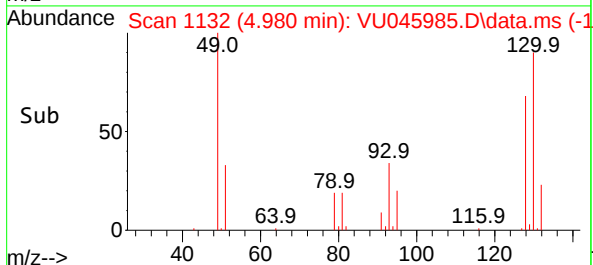
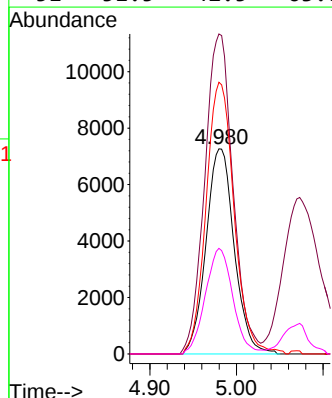
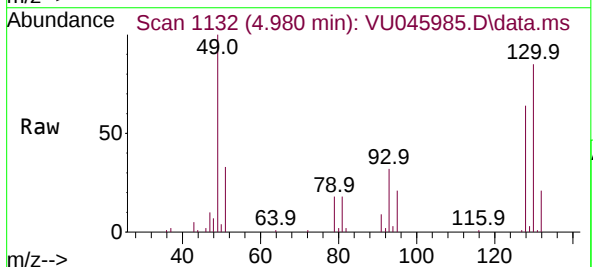
Ion Ratio Lower Upper

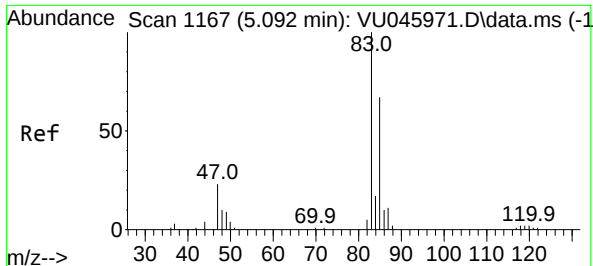
128 100

49 156.0 117.0 217.2

130 132.5 88.2 163.8

51 51.5 42.5 63.7





#25

Chloroform

Concen: 4.980 ug/L

RT: 5.095 min Scan# 1167

Delta R.T. 0.003 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

Instrument :

MSVOA_U

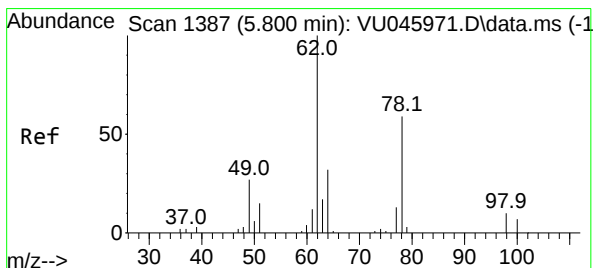
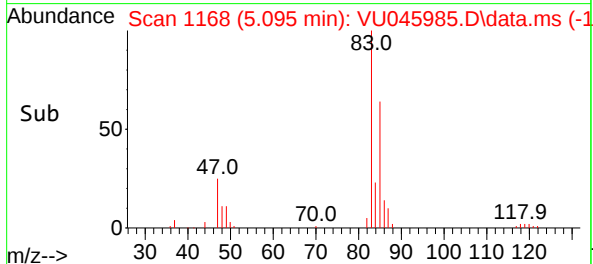
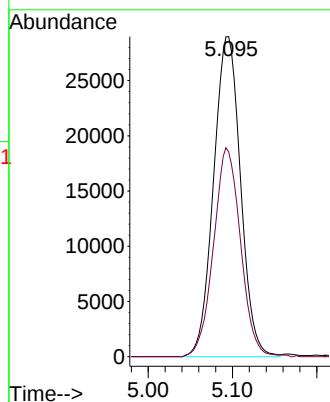
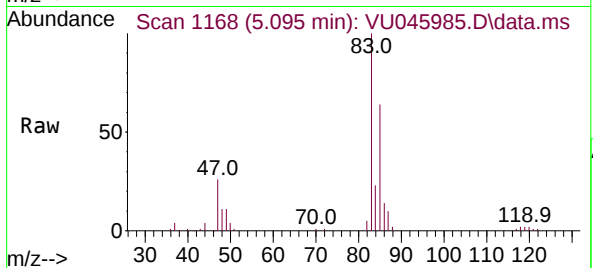
ClientSampleId :

Tgt Ion: 83 Resp: 64421

Ion Ratio Lower Upper

83 100

85 64.0 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.151 ug/L

RT: 5.800 min Scan# 1387

Delta R.T. -0.000 min

Lab File: VU045985.D

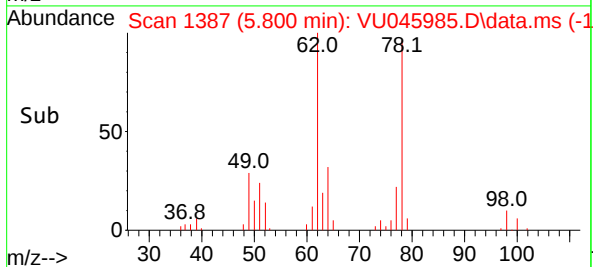
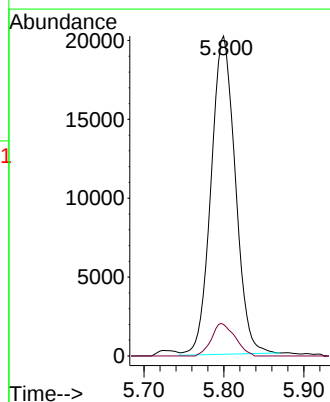
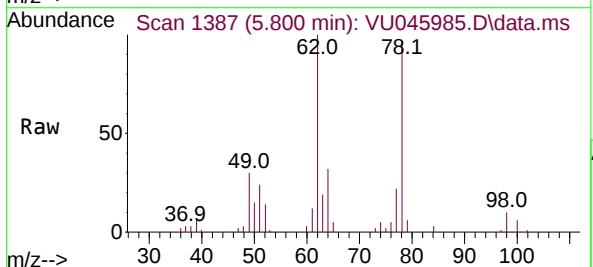
Acq: 24 Nov 2021 10:19

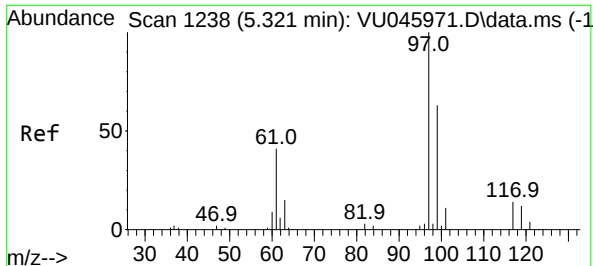
Tgt Ion: 62 Resp: 42513

Ion Ratio Lower Upper

62 100

98 9.9 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.092 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

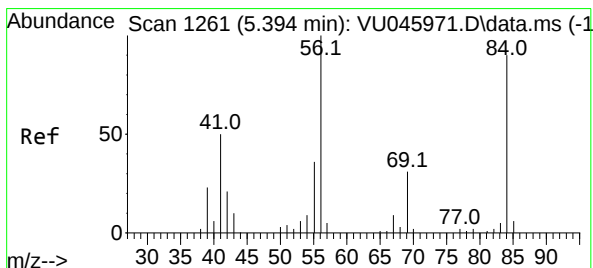
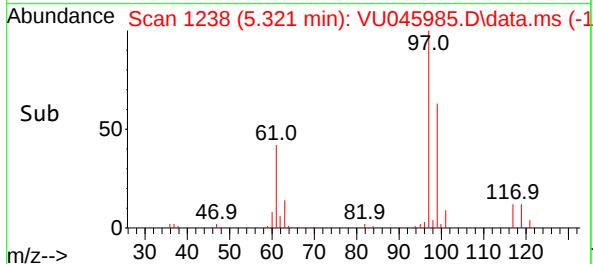
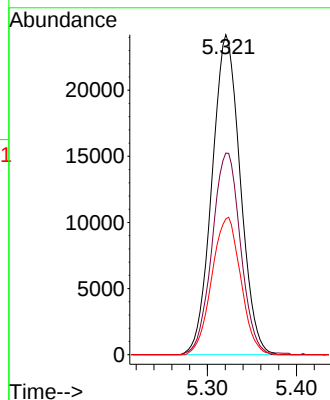
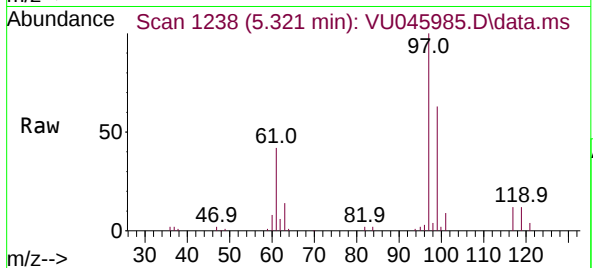
Tgt Ion: 97 Resp: 53313

Ion Ratio Lower Upper

97 100

99 63.5 51.3 76.9

61 43.9 36.1 54.1



#30

Cyclohexane

Concen: 4.622 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

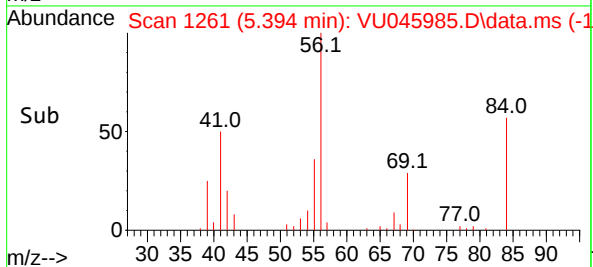
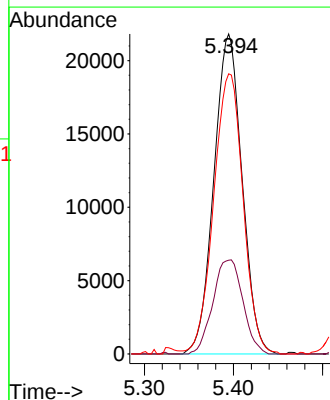
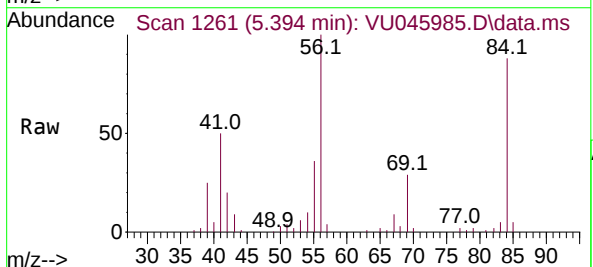
Tgt Ion: 56 Resp: 47988

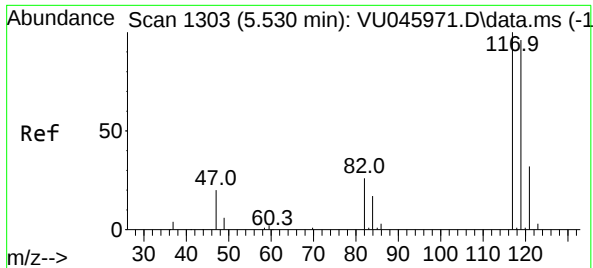
Ion Ratio Lower Upper

56 100

69 31.2 24.7 37.1

84 91.4 71.8 107.6

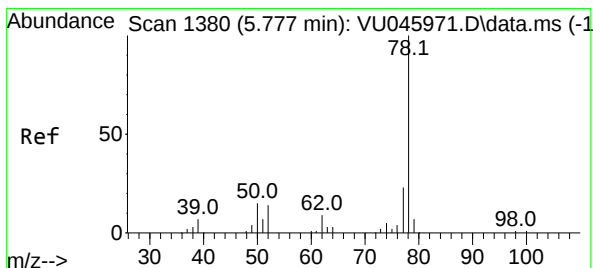
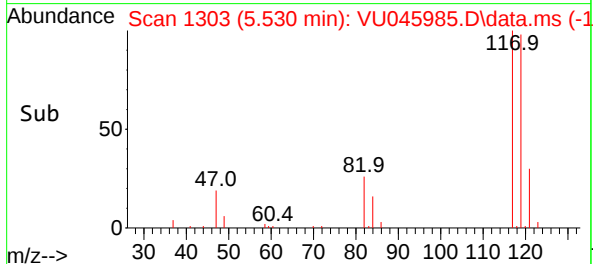
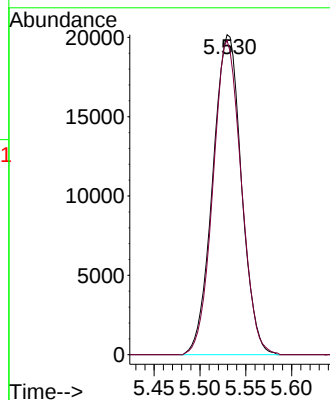
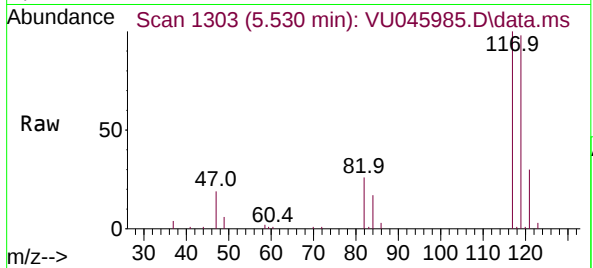




#31
Carbon tetrachloride
Concen: 4.989 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

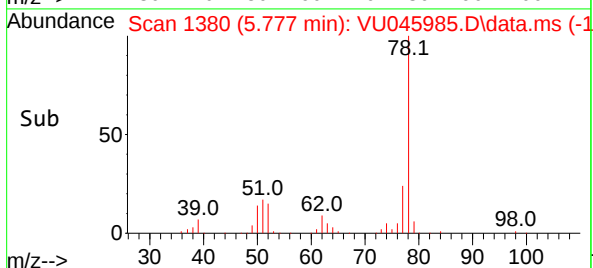
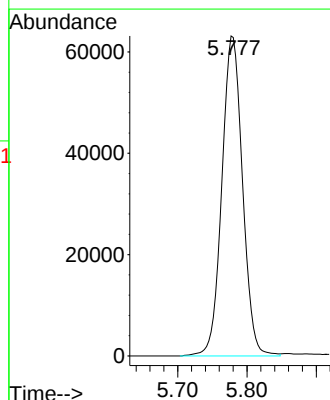
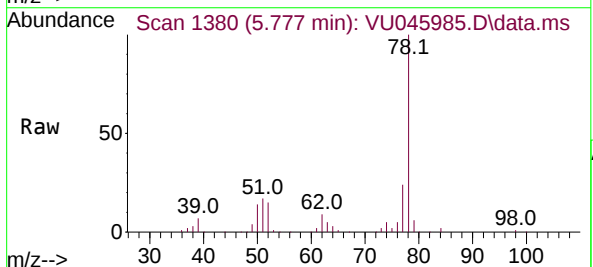
Instrument :
MSVOA_U
ClientSampleId :

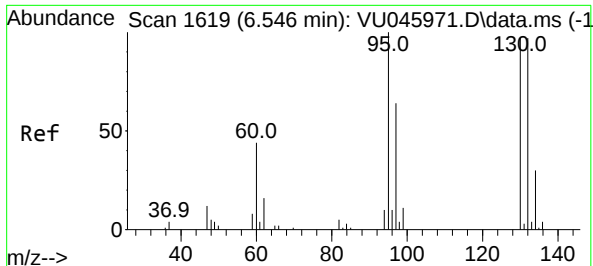
Tgt Ion:117 Resp: 43922
Ion Ratio Lower Upper
117 100
119 96.5 77.5 116.3



#33
Benzene
Concen: 4.878 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion: 78 Resp: 131161

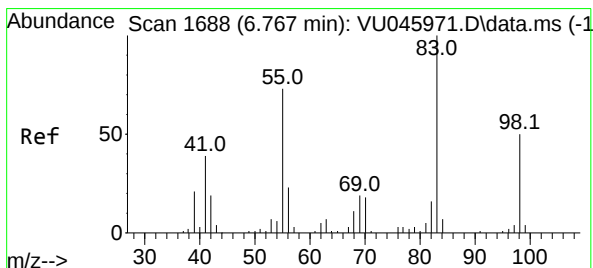
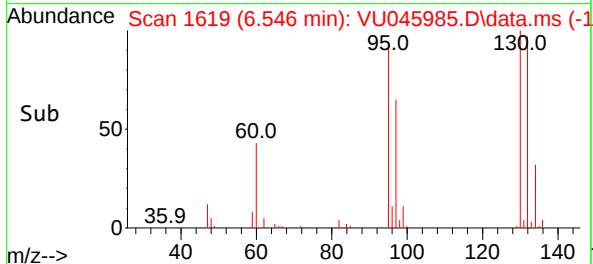
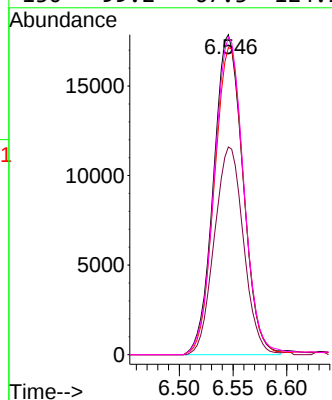
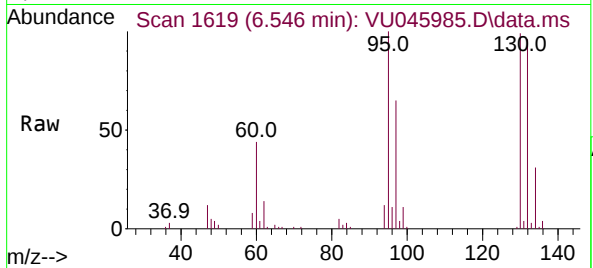




#34
Trichloroethene
Concen: 4.886 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

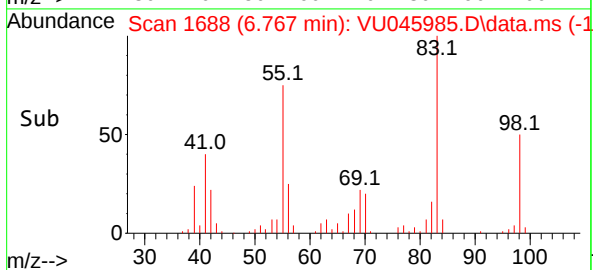
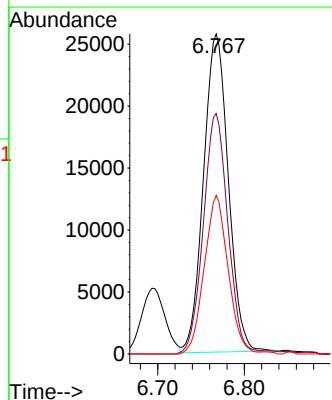
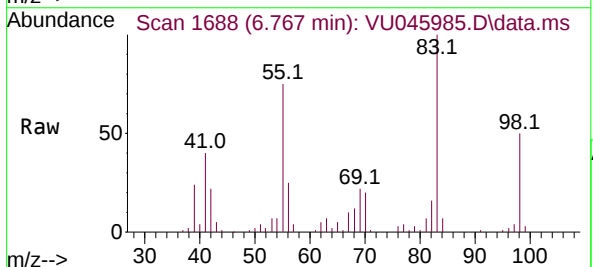
Instrument :
MSVOA_U
ClientSampleId :

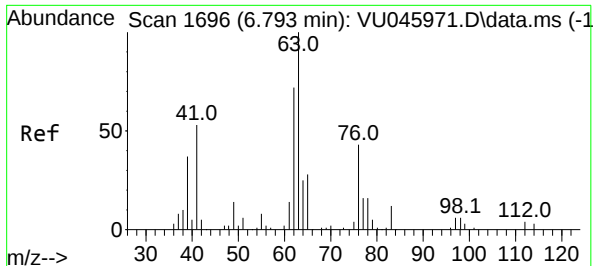
Tgt Ion: 95 Resp: 33859
Ion Ratio Lower Upper
95 100
97 64.9 46.5 86.5
132 96.0 65.1 120.9
130 99.2 67.3 124.9



#35
Methylcyclohexane
Concen: 4.802 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion: 83 Resp: 51102
Ion Ratio Lower Upper
83 100
55 74.7 61.9 92.9
98 48.0 39.0 58.6





#37

1,2-Dichloropropane

Concen: 4.999 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

Instrument :

MSVOA_U

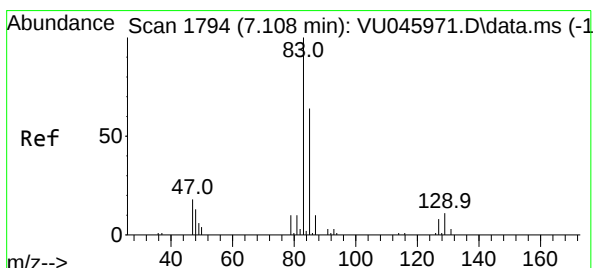
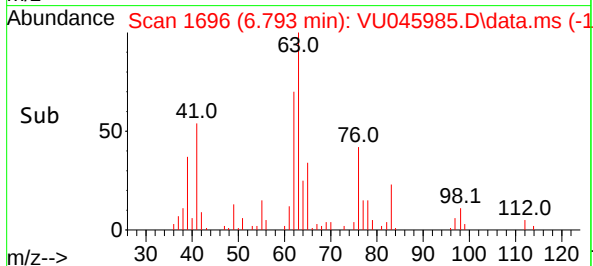
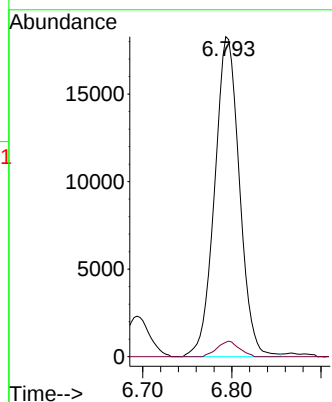
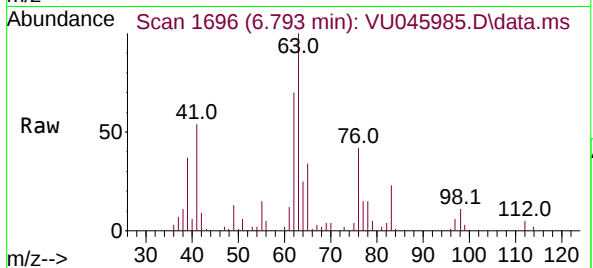
ClientSampleId :

Tgt Ion: 63 Resp: 35376

Ion Ratio Lower Upper

63 100

112 4.3 3.2 4.8



#38

Bromodichloromethane

Concen: 5.178 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

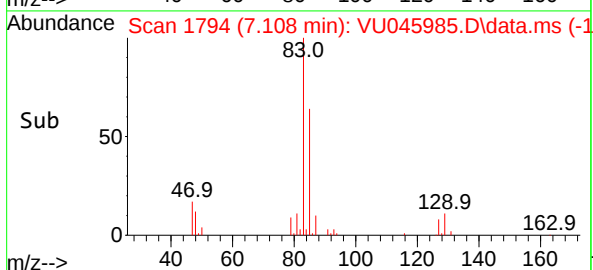
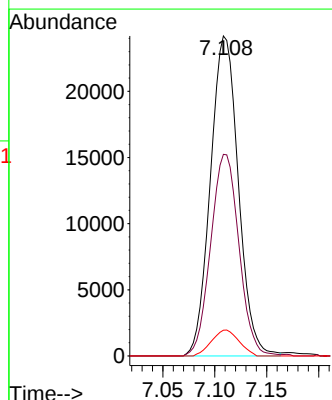
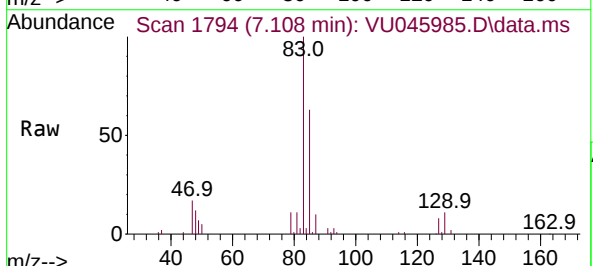
Tgt Ion: 83 Resp: 45214

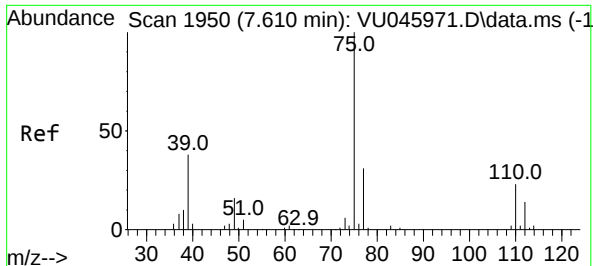
Ion Ratio Lower Upper

83 100

85 63.0 44.0 81.8

127 8.1 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.235 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

Instrument :

MSVOA_U

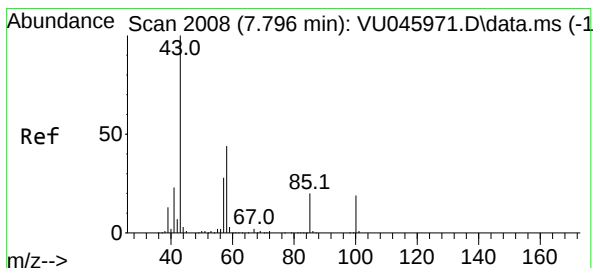
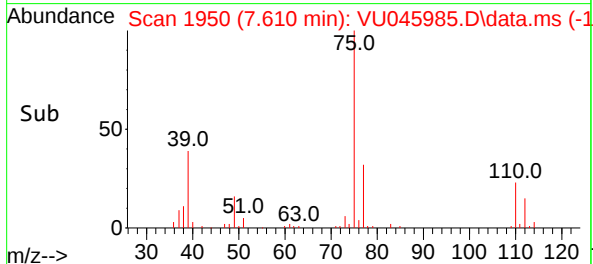
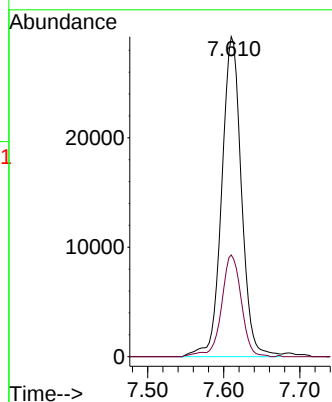
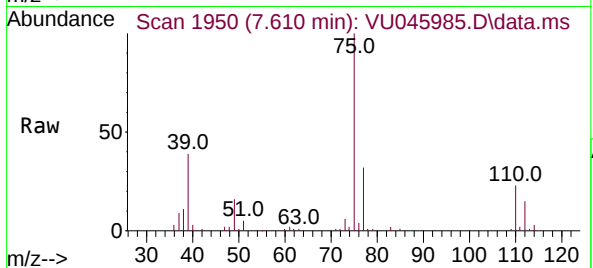
ClientSampleId :

Tgt Ion: 75 Resp: 52639

Ion Ratio Lower Upper

75 100

77 31.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 59.901 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

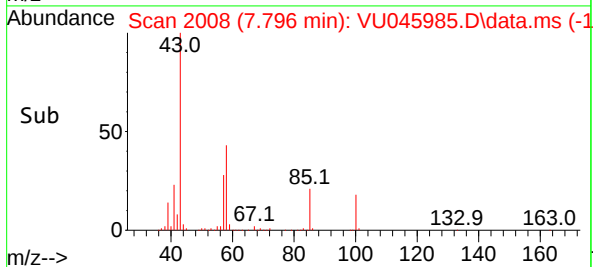
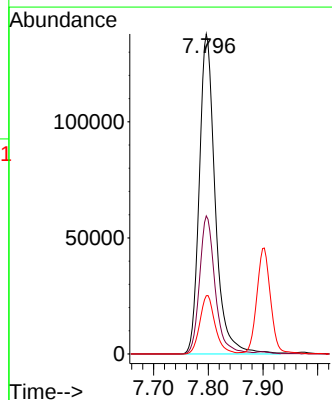
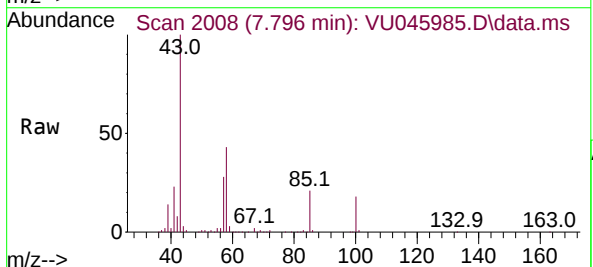
Tgt Ion: 43 Resp: 278031

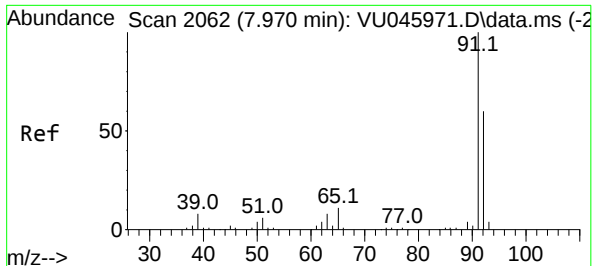
Ion Ratio Lower Upper

43 100

58 42.3 33.1 49.7

100 17.6 13.2 19.8





#42

Toluene

Concen: 5.206 ug/L

RT: 7.973 min Scan# 2062

Delta R.T. 0.003 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

Instrument :

MSVOA_U

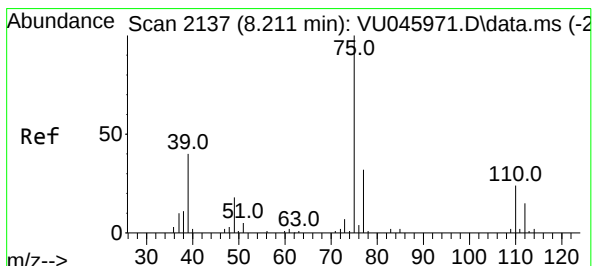
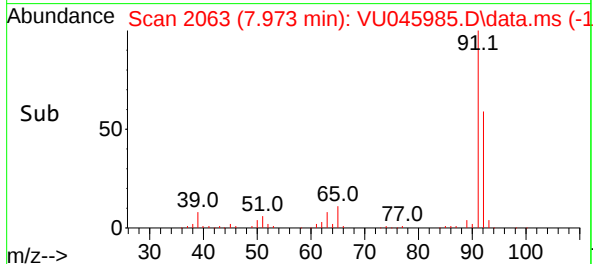
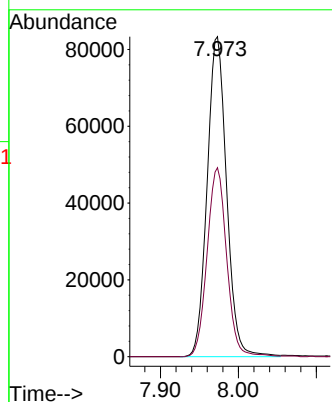
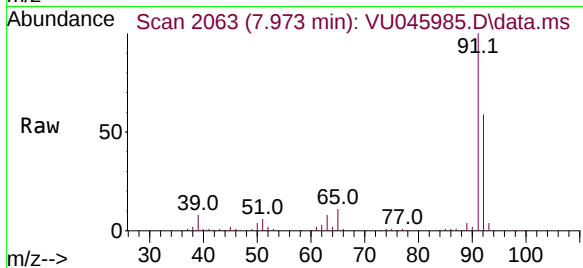
ClientSampleId :

Tgt Ion: 91 Resp: 144488

Ion Ratio Lower Upper

91 100

92 59.1 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.433 ug/L

RT: 8.214 min Scan# 2138

Delta R.T. 0.003 min

Lab File: VU045985.D

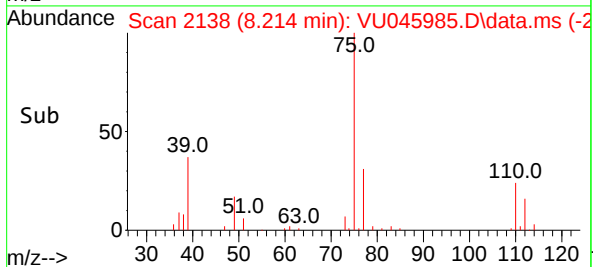
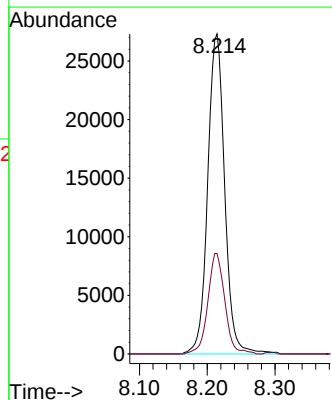
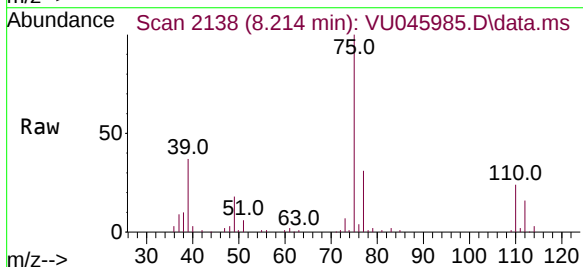
Acq: 24 Nov 2021 10:19

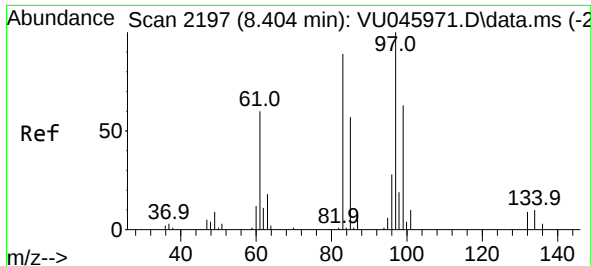
Tgt Ion: 75 Resp: 47531

Ion Ratio Lower Upper

75 100

77 31.4 22.7 42.3

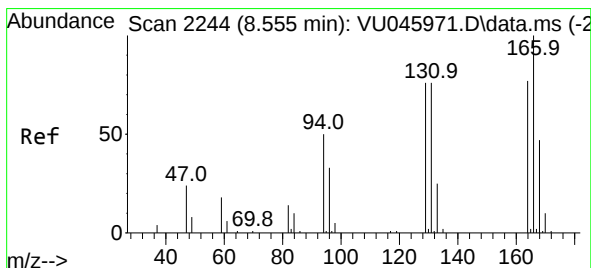
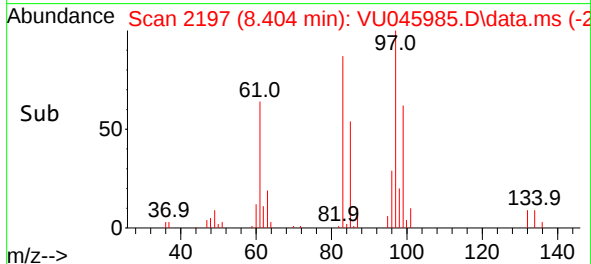
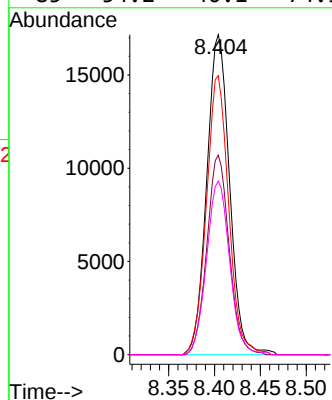
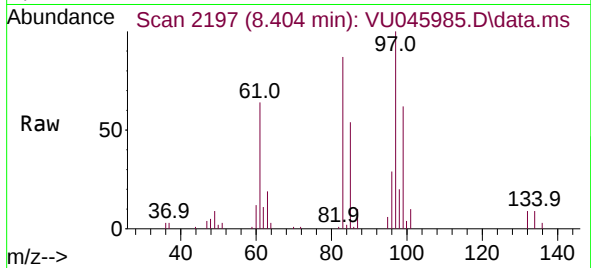




#45
1,1,2-Trichloroethane
Concen: 5.649 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

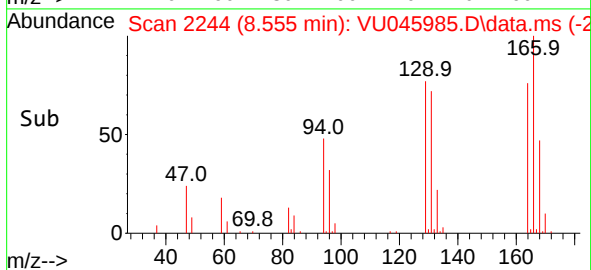
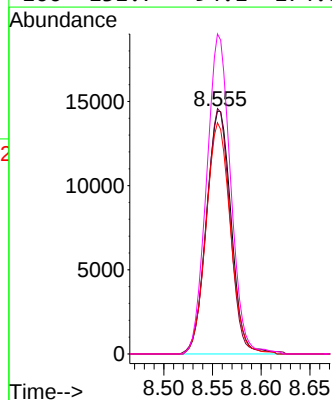
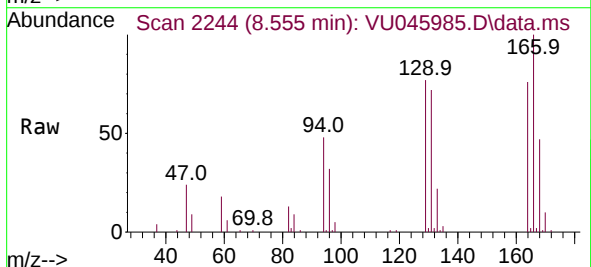
Instrument :
MSVOA_U
ClientSampleId :

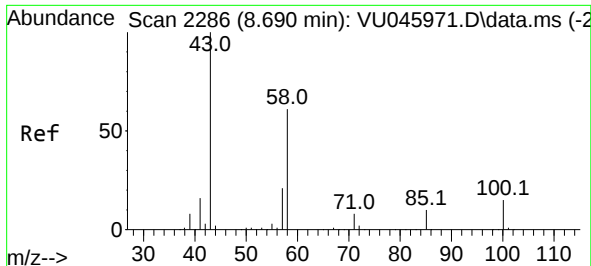
Tgt Ion:	97	Resp:	29678
Ion	Ratio	Lower	Upper
97	100		
99	62.4	42.3	78.5
83	87.2	62.0	115.2
85	54.2	40.1	74.5



#47
Tetrachloroethene
Concen: 5.251 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion:	164	Resp:	25475
Ion	Ratio	Lower	Upper
164	100		
129	101.0	71.8	133.4
131	95.2	68.5	127.3
166	131.7	94.1	174.8

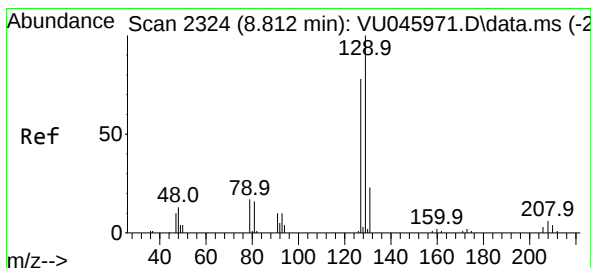
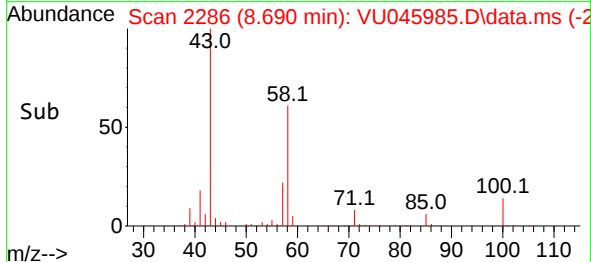
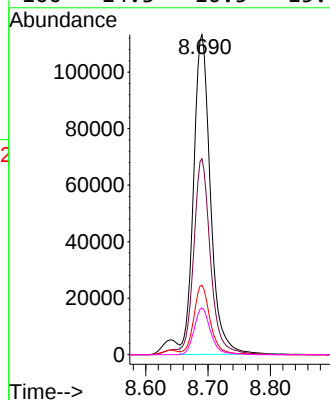
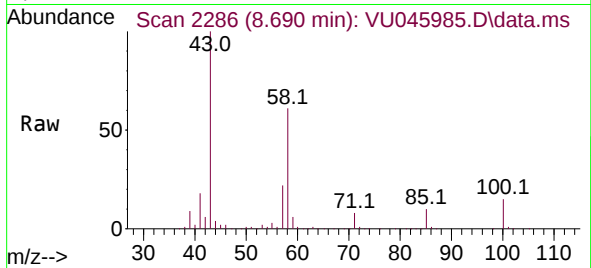




#48
2-Hexanone
Concen: 63.282 ug/L
RT: 8.690 min Scan# 212194
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

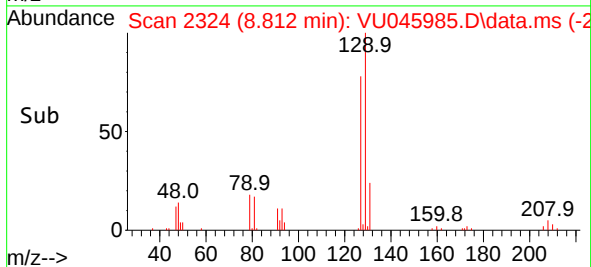
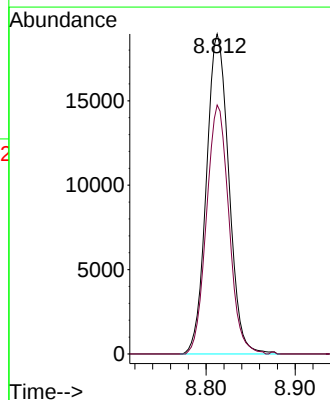
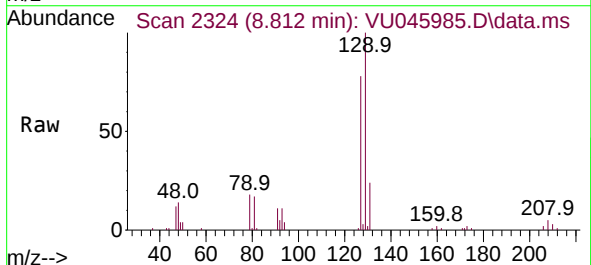
Instrument :
MSVOA_U
ClientSampleId :

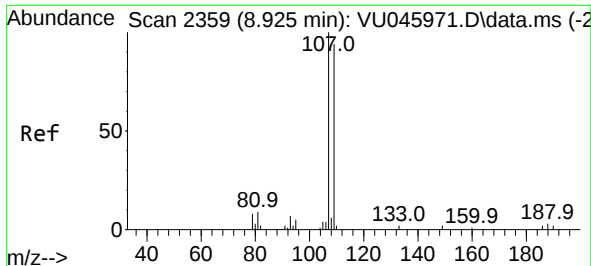
Tgt Ion:	43	Resp:	212194
Ion	Ratio	Lower	Upper
43	100		
58	62.3	46.7	70.1
57	20.5	16.3	24.5
100	14.3	10.5	15.7



#49
Dibromochloromethane
Concen: 5.546 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion:	129	Resp:	33187
Ion	Ratio	Lower	Upper
129	100		
127	77.8	55.4	102.8

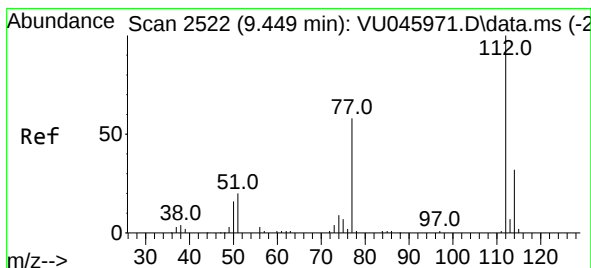
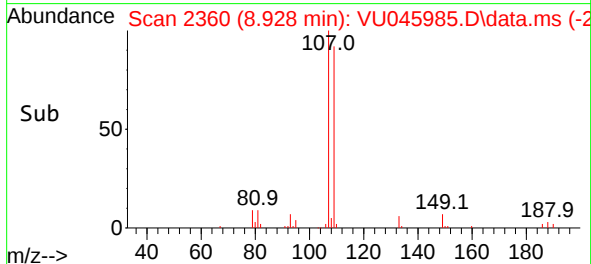
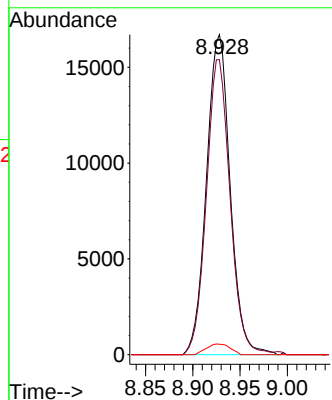
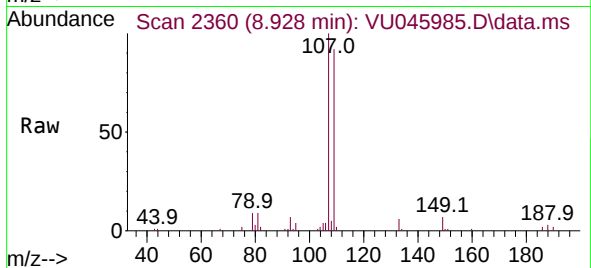




#50
1,2-Dibromoethane
Concen: 5.888 ug/L
RT: 8.928 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

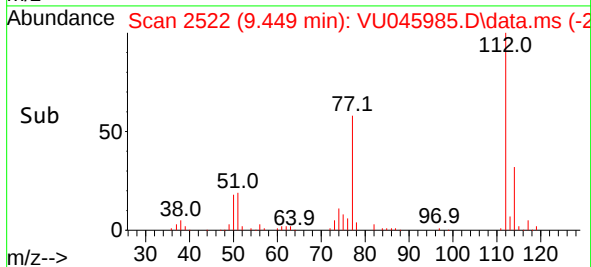
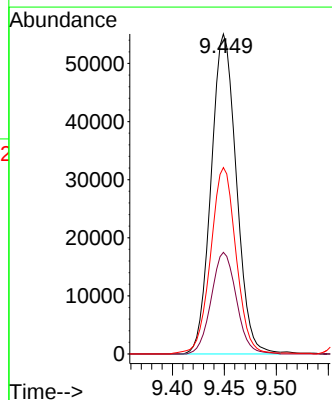
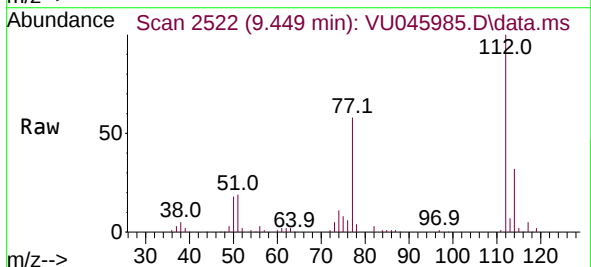
Instrument :
MSVOA_U
ClientSampleId :

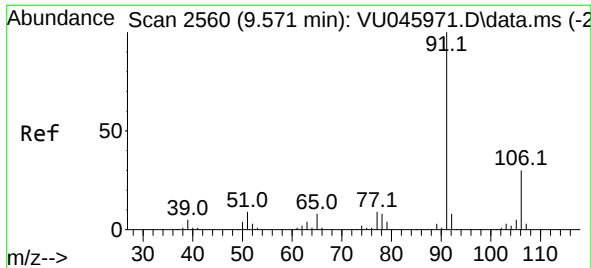
Tgt Ion:107 Resp: 29143
Ion Ratio Lower Upper
107 100
109 92.2 64.0 119.0
188 3.3 2.4 3.6



#51
Chlorobenzene
Concen: 5.348 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion:112 Resp: 93111
Ion Ratio Lower Upper
112 100
114 31.8 22.1 41.1
77 58.3 48.3 72.5

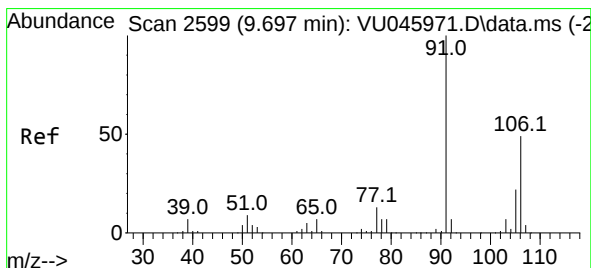
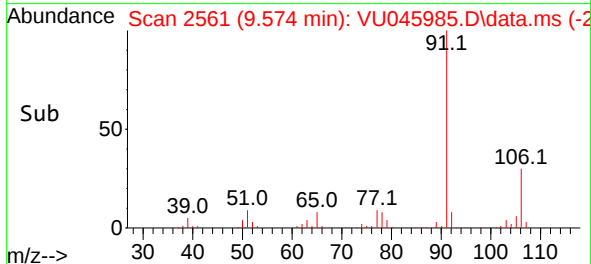
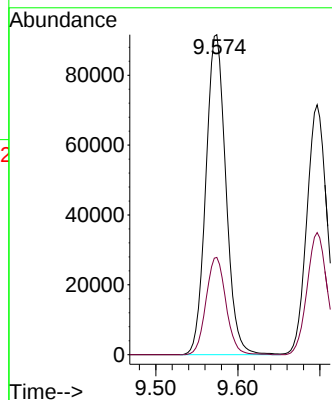
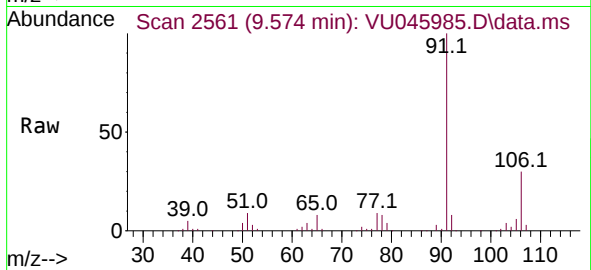




#52
Ethylbenzene
Concen: 5.337 ug/L
RT: 9.574 min Scan# 2560
Delta R.T. 0.003 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

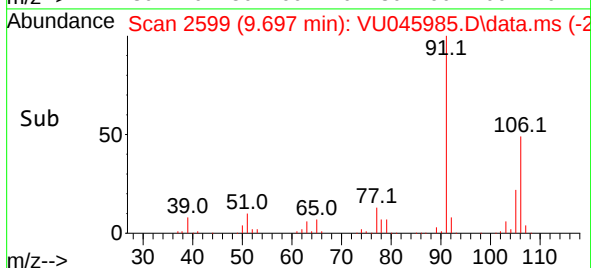
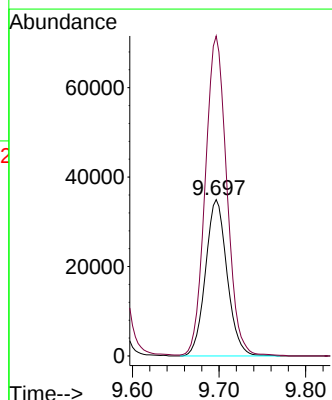
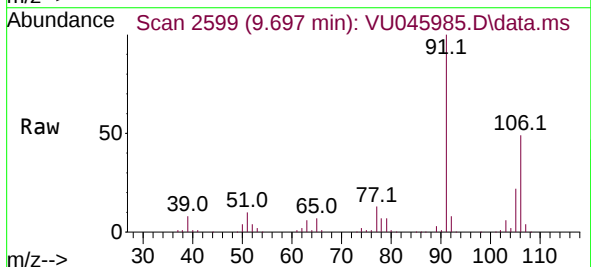
Instrument :
MSVOA_U
ClientSampleId :

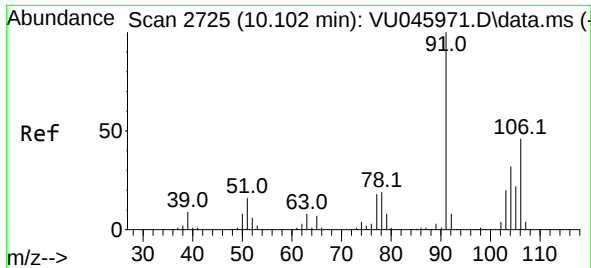
Tgt Ion: 91 Resp: 155047
Ion Ratio Lower Upper
91 100
106 30.4 21.5 39.9



#53
m,p-Xylene
Concen: 5.441 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion:106 Resp: 60553
Ion Ratio Lower Upper
106 100
91 204.6 139.4 259.0

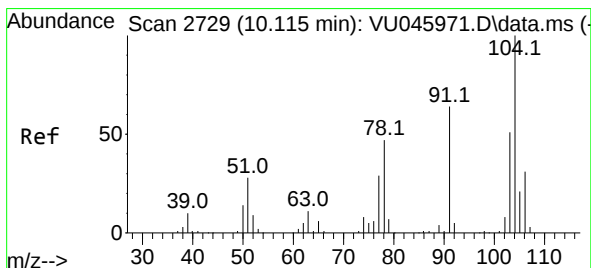
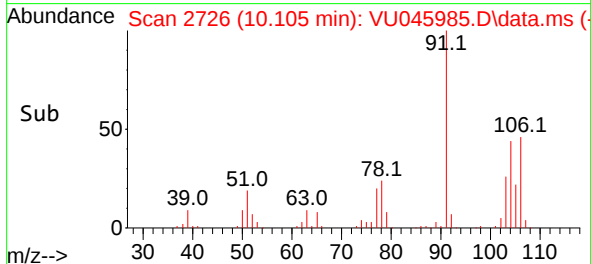
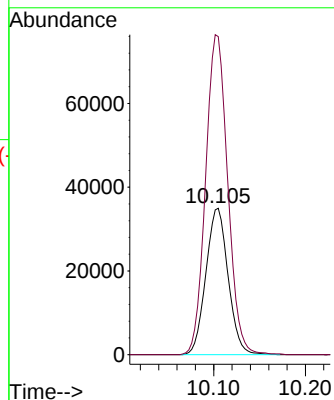
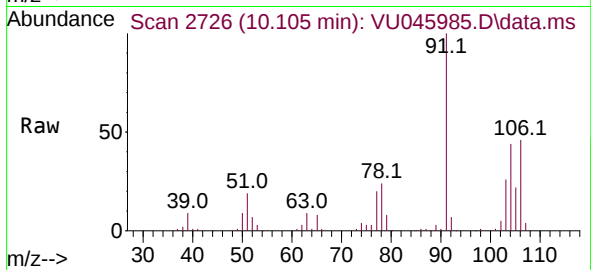




#54
o-Xylene
Concen: 5.484 ug/L
RT: 10.105 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

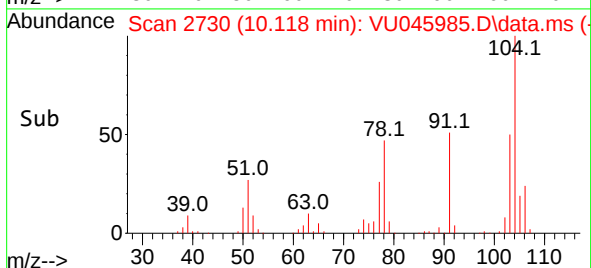
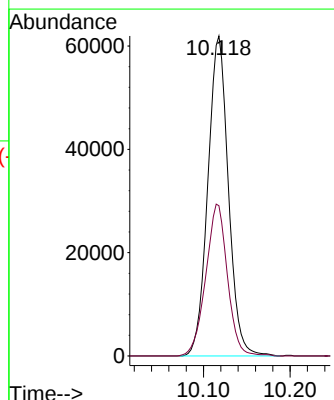
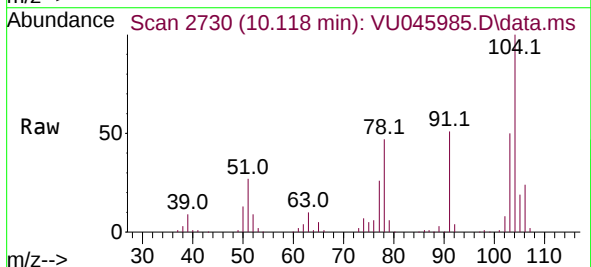
Instrument :
MSVOA_U
ClientSampleId :

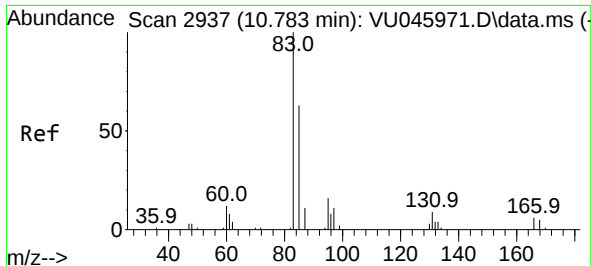
Tgt Ion:106 Resp: 58896
Ion Ratio Lower Upper
106 100
91 217.3 147.5 273.9



#55
Styrene
Concen: 5.641 ug/L
RT: 10.118 min Scan# 2730
Delta R.T. 0.003 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion:104 Resp: 101991
Ion Ratio Lower Upper
104 100
78 47.0 33.0 61.4

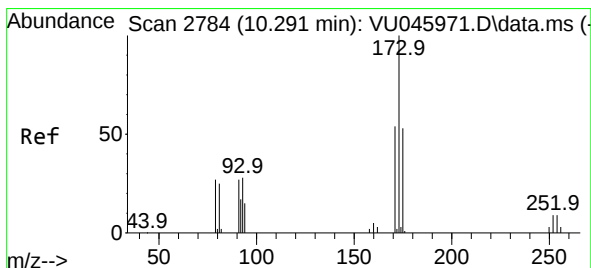
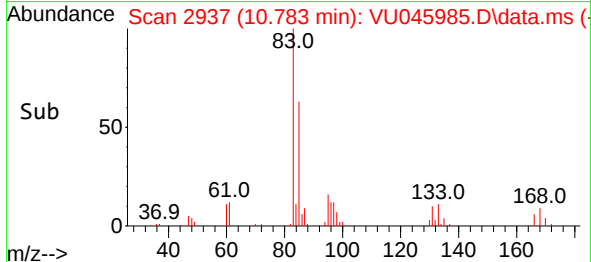
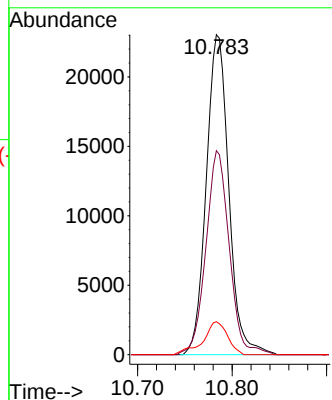
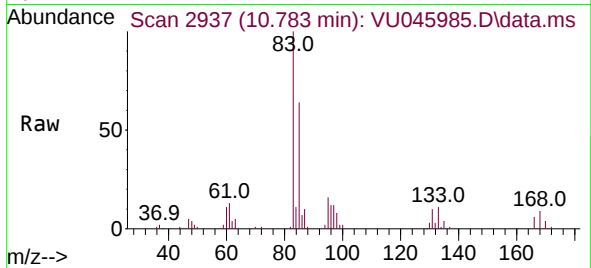




#57
1,1,2,2-Tetrachloroethane
Concen: 5.664 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

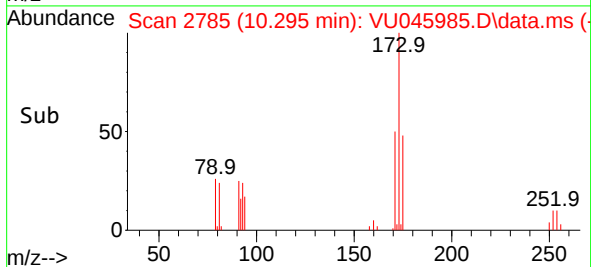
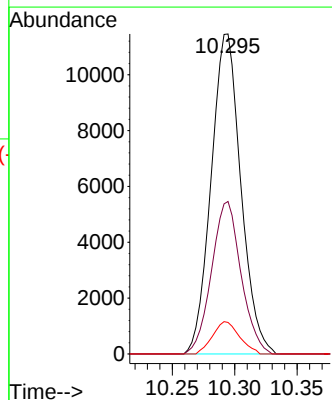
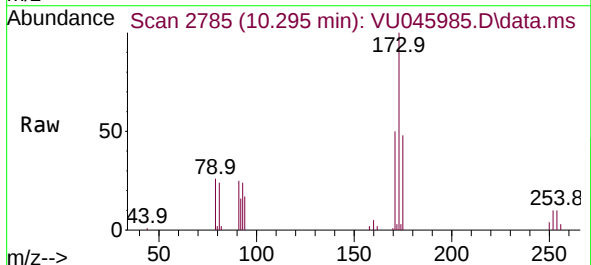
Instrument :
MSVOA_U
ClientSampleId :

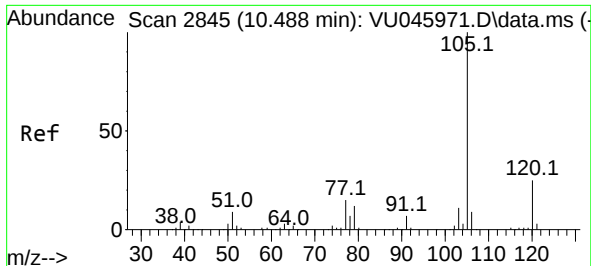
Tgt Ion: 83 Resp: 38108
Ion Ratio Lower Upper
83 100
85 63.7 47.9 89.1
131 10.3 8.1 12.1



#59
Bromoform
Concen: 5.708 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion:173 Resp: 19032
Ion Ratio Lower Upper
173 100
175 47.2 37.8 56.6
254 9.1 7.3 10.9

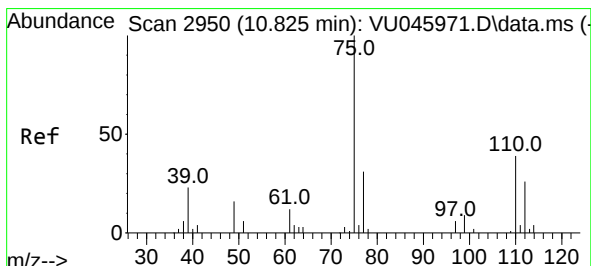
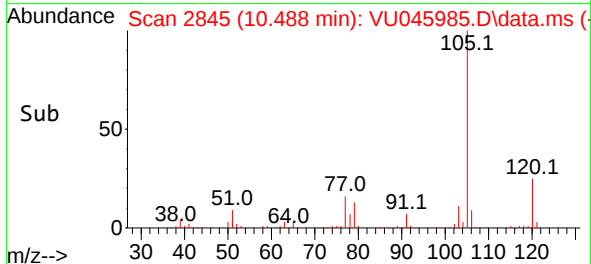
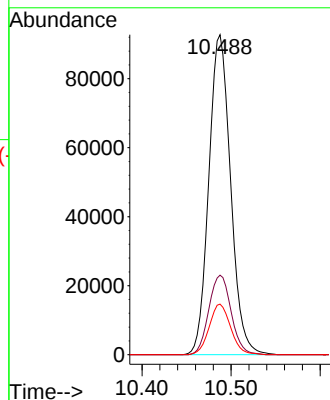
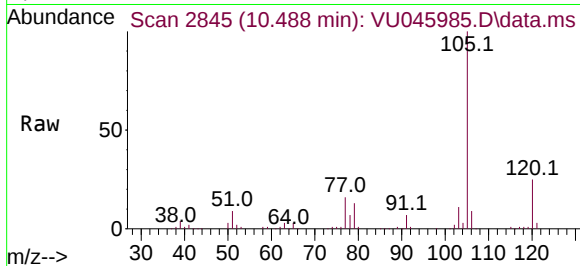




#60
Isopropylbenzene
Concen: 5.322 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

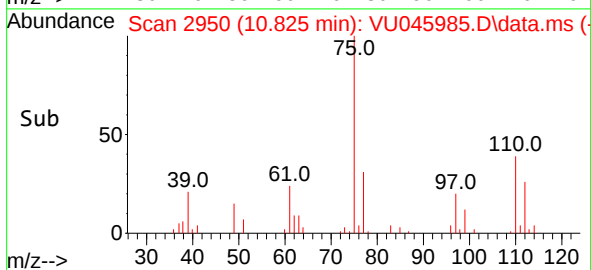
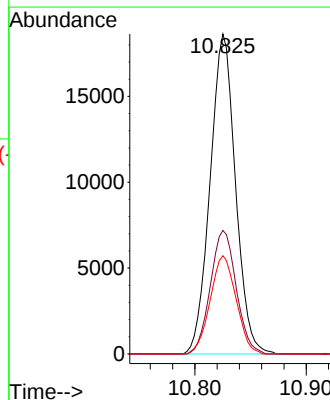
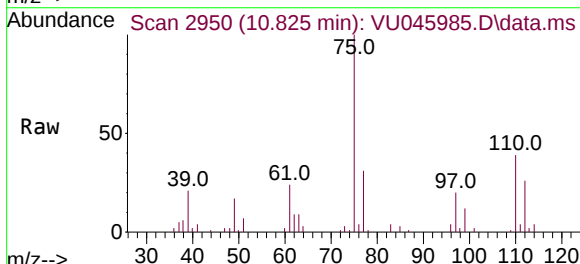
Instrument :
MSVOA_U
ClientSampleId :

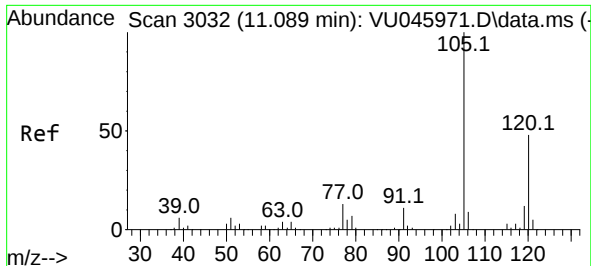
Tgt Ion:105 Resp: 157279
Ion Ratio Lower Upper
105 100
120 25.5 20.7 31.1
77 15.6 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.643 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion: 75 Resp: 29489
Ion Ratio Lower Upper
75 100
110 39.3 29.9 44.9
77 31.3 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.316 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. -0.000 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

Instrument :

MSVOA_U

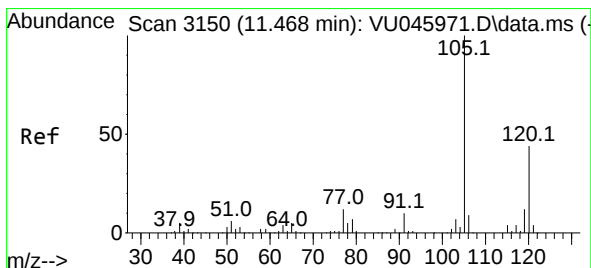
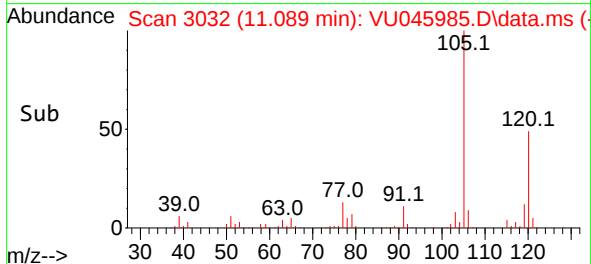
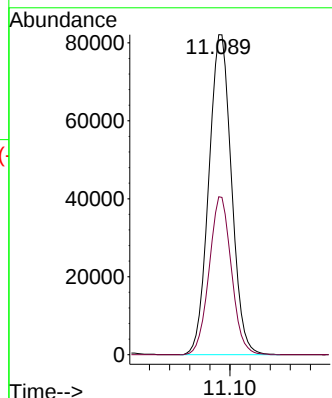
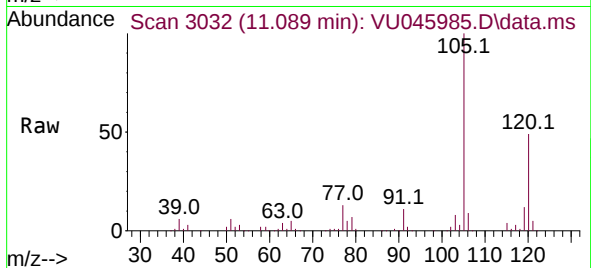
ClientSampleId :

Tgt Ion:105 Resp: 128459

Ion Ratio Lower Upper

105 100

120 48.4 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.339 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU045985.D

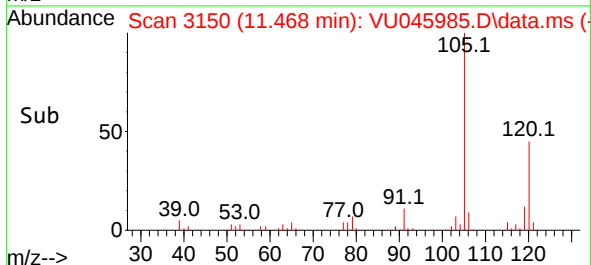
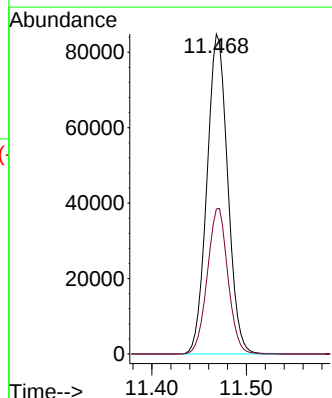
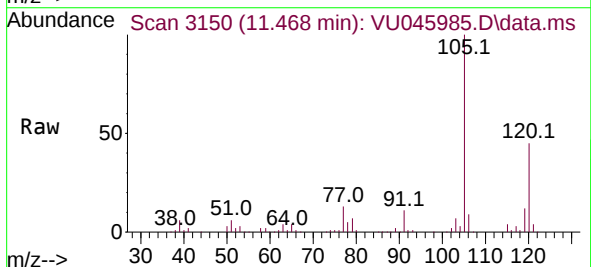
Acq: 24 Nov 2021 10:19

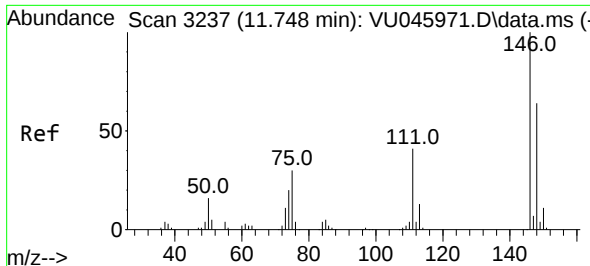
Tgt Ion:105 Resp: 129267

Ion Ratio Lower Upper

105 100

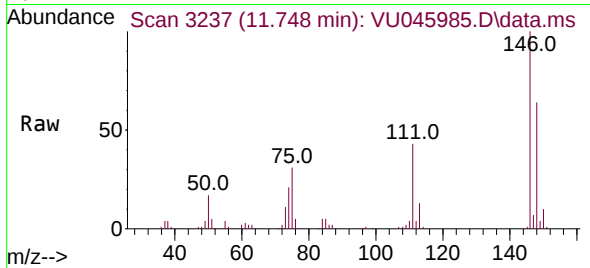
120 45.1 35.8 53.8



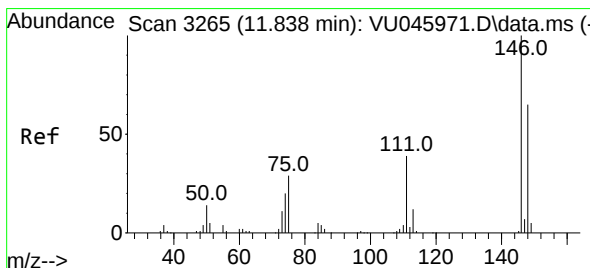
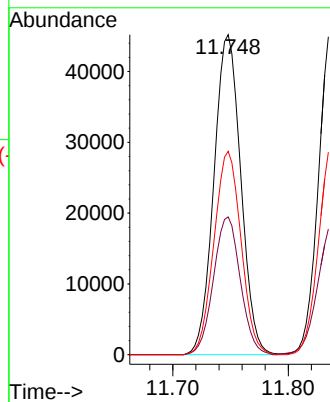
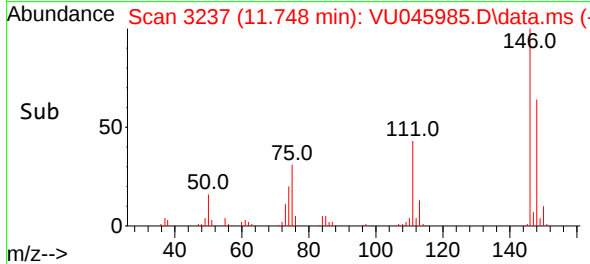


#64
1,3-Dichlorobenzene
Concen: 5.314 ug/L
RT: 11.748 min Scan# 3237
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

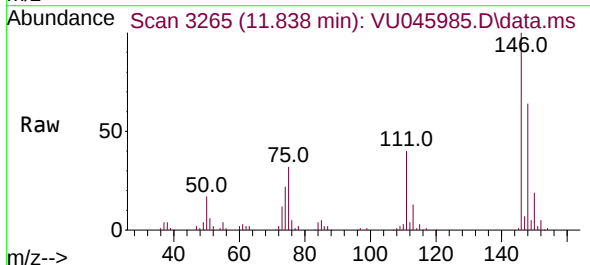
Instrument :
MSVOA_U
ClientSampleId :



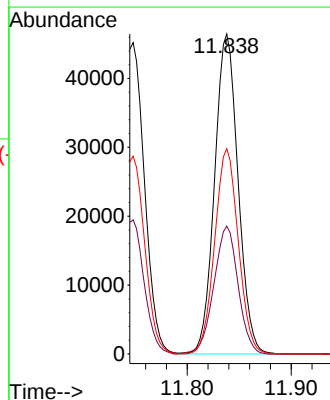
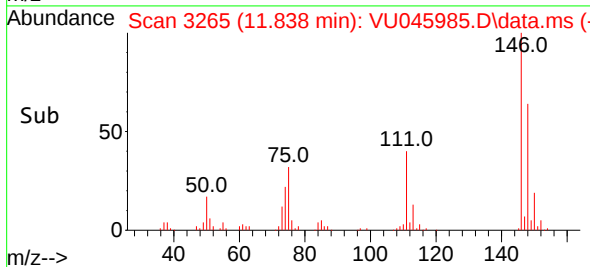
Tgt Ion:146 Resp: 73258
Ion Ratio Lower Upper
146 100
111 43.1 29.9 55.5
148 63.5 44.3 82.3

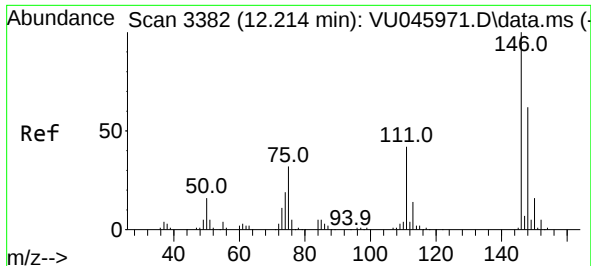


#65
1,4-Dichlorobenzene
Concen: 5.207 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19



Tgt Ion:146 Resp: 72930
Ion Ratio Lower Upper
146 100
111 39.9 28.7 53.3
148 64.2 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.486 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

Instrument :

MSVOA_U

ClientSampleId :

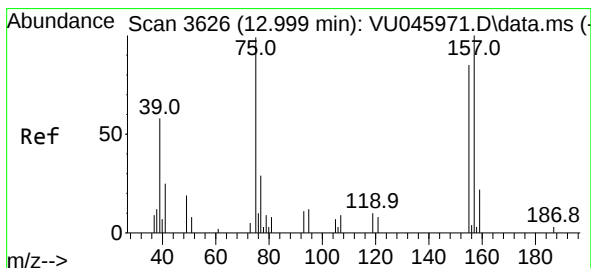
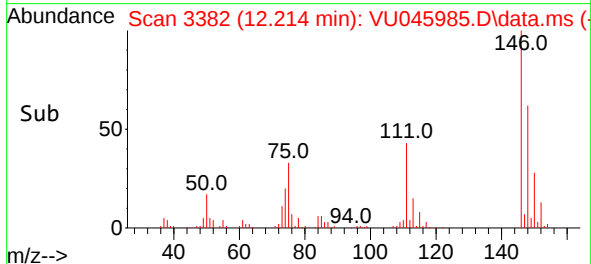
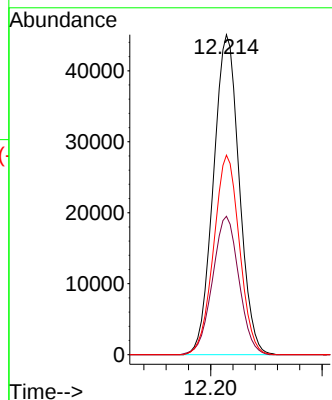
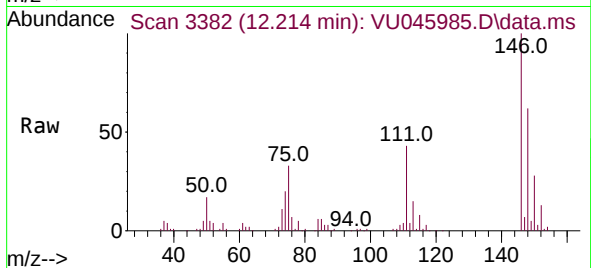
Tgt Ion:146 Resp: 72518

Ion Ratio Lower Upper

146 100

111 43.2 35.4 53.0

148 62.3 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 4.920 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU045985.D

Acq: 24 Nov 2021 10:19

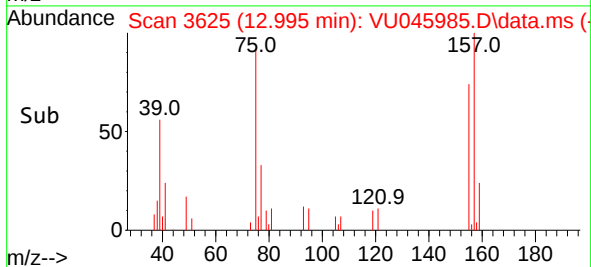
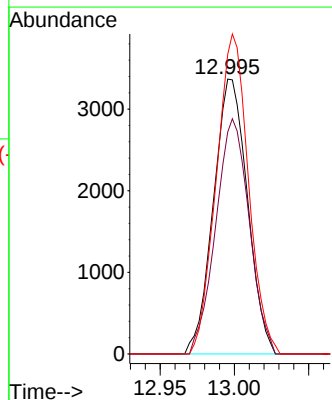
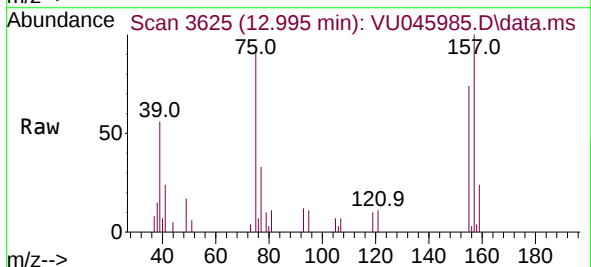
Tgt Ion: 75 Resp: 5349

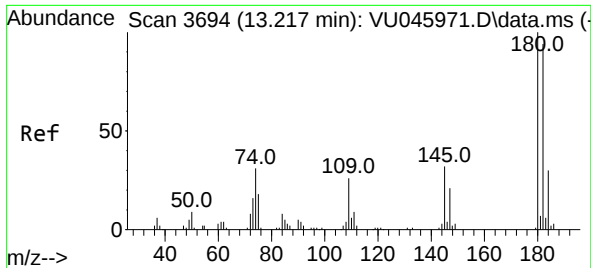
Ion Ratio Lower Upper

75 100

155 80.7 59.2 88.8

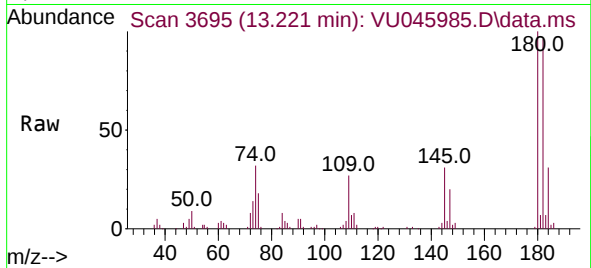
157 109.0 76.5 114.7



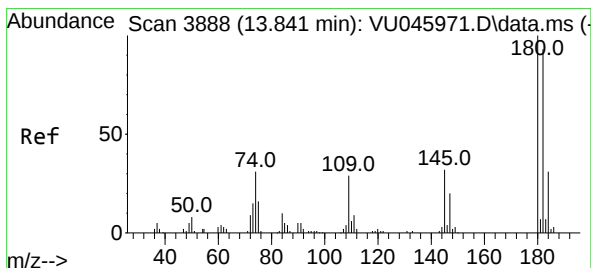
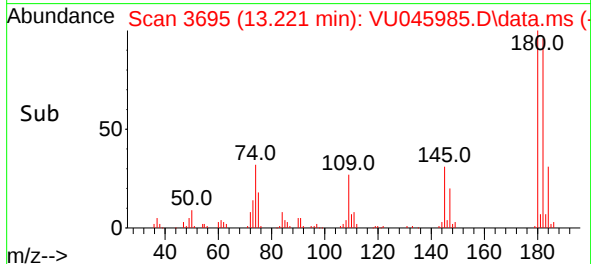
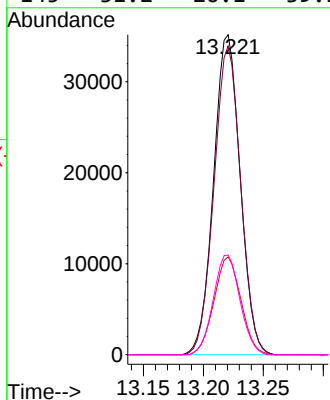


#69
 1,3,5-Trichlorobenzene
 Concen: 5.257 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU045985.D
 Acq: 24 Nov 2021 10:19

Instrument :
 MSVOA_U
 ClientSampleId :

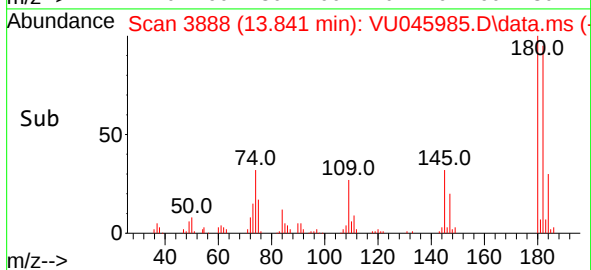
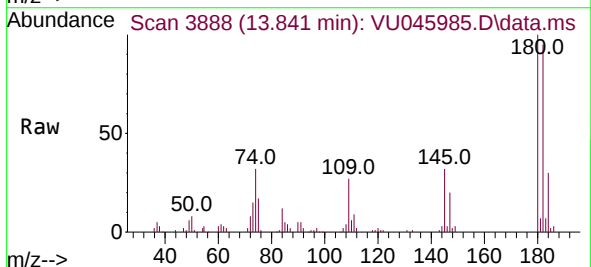
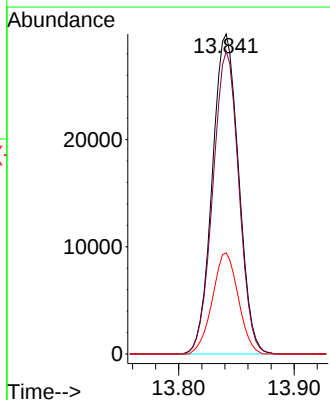


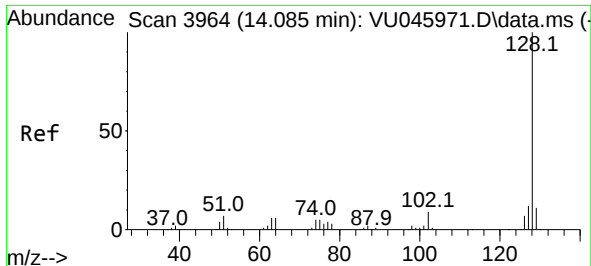
Tgt Ion:180 Resp: 54218
 Ion Ratio Lower Upper
 180 100
 182 96.5 76.1 114.1
 184 30.8 25.0 37.4
 145 31.2 26.1 39.1



#70
 1,2,4-trichlorobenzene
 Concen: 5.429 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU045985.D
 Acq: 24 Nov 2021 10:19

Tgt Ion:180 Resp: 47380
 Ion Ratio Lower Upper
 180 100
 182 93.2 76.4 114.6
 145 31.0 25.6 38.4

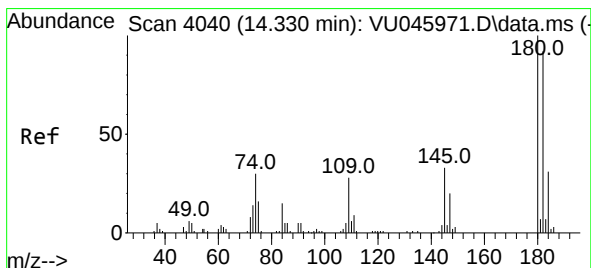
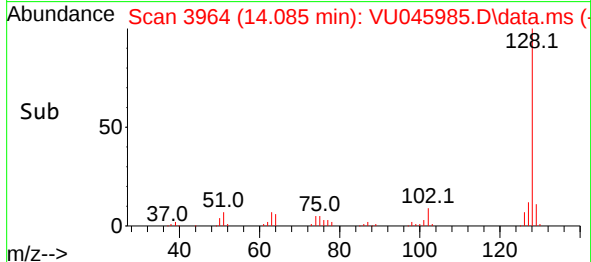
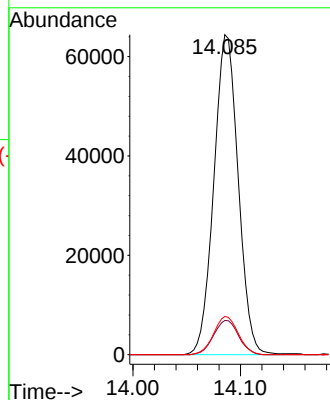
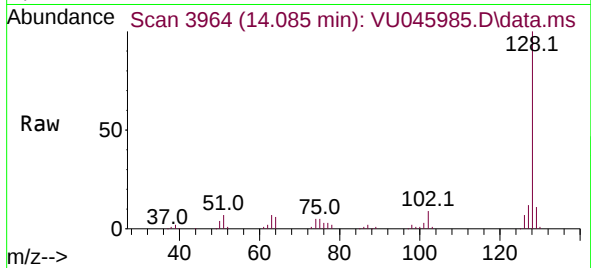




#71
Naphthalene
Concen: 5.651 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 101319
Ion Ratio Lower Upper
128 100
129 11.0 8.4 12.6
127 12.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.326 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU045985.D
Acq: 24 Nov 2021 10:19

Tgt Ion:180 Resp: 46249
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.4
145 34.2 28.4 42.6

