

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112421\
 Data File : VU045989.D
 Acq On : 24 Nov 2021 13:03
 Operator : SY/MD
 Sample : M4825-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Nov 26 00:19:38 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Nov 26 00:17:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	97900	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	97529	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	51603	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	16774	2.163	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	43.200%	
7) Chloroethane-d5	1.919	69	25412	4.501	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.000%	
11) 1,1-Dichloroethene-d2	2.572	65	11822	3.634	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.600%	
20) 2-Butanone-d5	4.649	46	134803	64.852	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	129.700%	
24) Chloroform-d	5.067	84	67296	5.208	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	104.200%	
26) 1,2-Dichloroethane-d4	5.706	65	39919	5.265	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	105.200%	
32) Benzene-d6	5.732	84	134425	5.005	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.200%	
36) 1,2-Dichloropropane-d6	6.694	67	43949	5.192	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	103.800%	
41) Toluene-d8	7.899	98	122193	5.029	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.600%	
43) trans-1,3-Dichloroprop...	8.182	79	13459	3.917	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	78.400%	
46) 2-Hexanone-d5	8.636	63	101040	65.329	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	130.660%#	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41772	5.841	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	116.800%	
66) 1,2-Dichlorobenzene-d4	12.195	152	48103	5.429	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	108.600%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	36704	4.605	ug/L	100
3) Chloromethane	1.520	50	34760	4.115	ug/L	100
5) Vinyl chloride	1.607	62	38692	4.564	ug/L	100
6) Bromomethane	1.861	94	21007	4.178	ug/L	99
8) Chloroethane	1.938	64	22961	4.750	ug/L	96
9) Trichlorofluoromethane	2.144	101	53028	4.845	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	30940	4.821	ug/L	98
12) 1,1-Dichloroethene	2.584	96	28663	4.730	ug/L	87
13) Acetone	2.674	43	68396	55.904	ug/L	62
14) Carbon disulfide	2.800	76	77768	4.057	ug/L	99
15) Methyl Acetate	2.967	43	15639	5.210	ug/L	91
16) Methylene chloride	3.051	84	33354	3.728	ug/L	96
17) Methyl tert-butyl Ether	3.369	73	86604	5.489	ug/L	100
18) trans-1,2-Dichloroethene	3.359	96	30911	4.758	ug/L	96
19) 1,1-Dichloroethane	3.874	63	71112	5.843	ug/L	98
21) 2-Butanone	4.729	43	121255	58.904	ug/L	97
22) cis-1,2-Dichloroethene	4.671	96	56431	8.012	ug/L	99
23) Bromochloromethane	4.980	128	16962	5.525	ug/L	95
25) Chloroform	5.092	83	64276	4.868	ug/L	98

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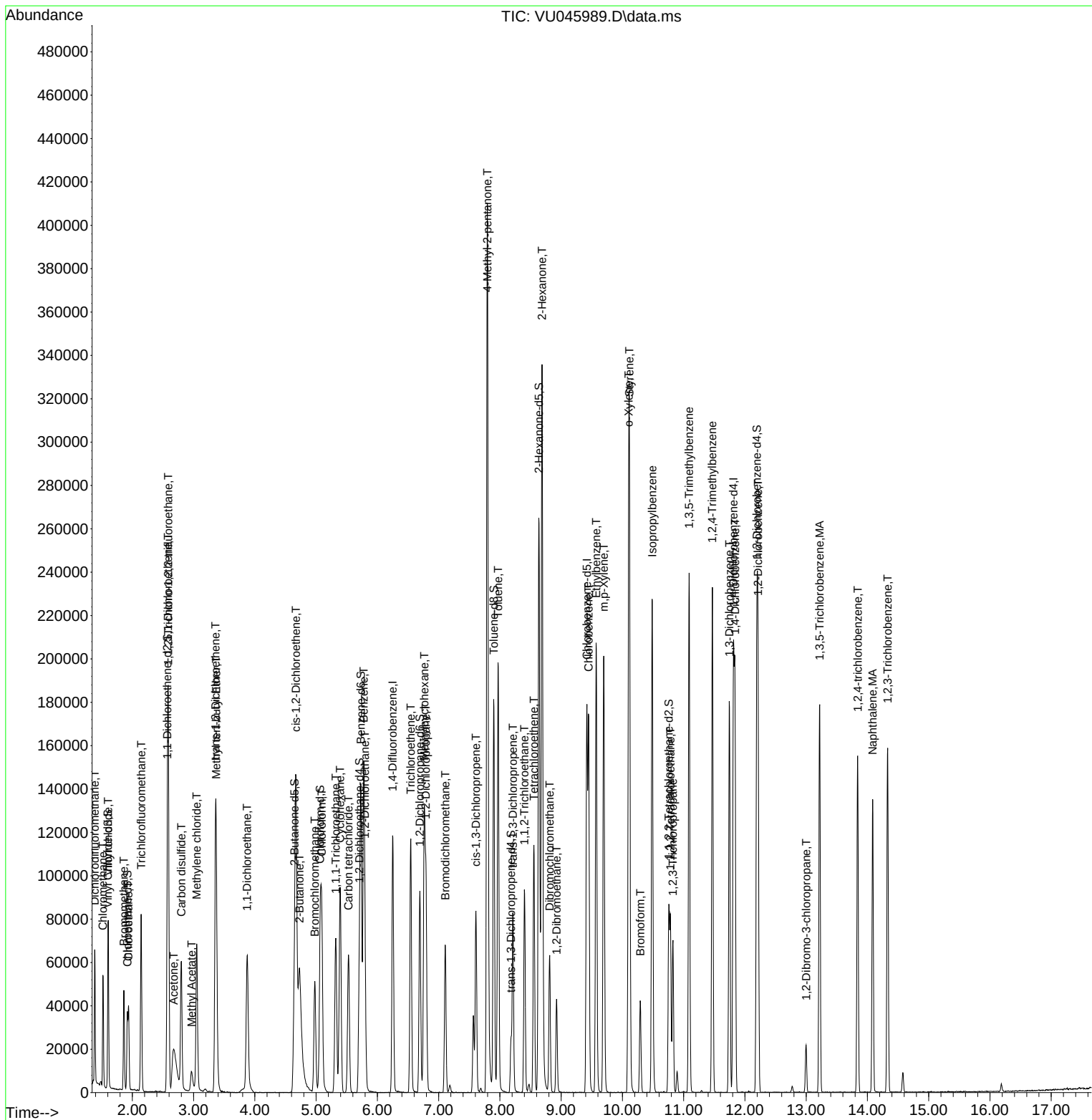
Instrument :
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 ClientSampleId :

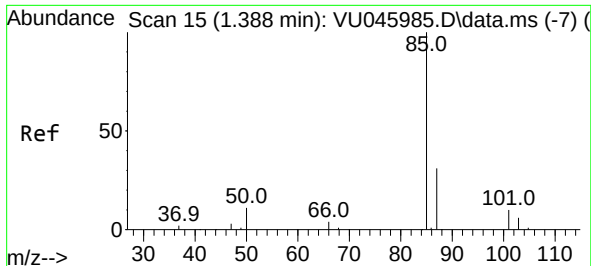
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	42881	5.090	ug/L	99
29) 1,1,1-Trichloroethane	5.321	97	53376	5.037	ug/L	99
30) Cyclohexane	5.391	56	48225	4.589	ug/L	99
31) Carbon tetrachloride	5.530	117	44985	5.048	ug/L	96
33) Benzene	5.777	78	131689	4.839	ug/L	100
34) Trichloroethene	6.546	95	39510	5.633	ug/L	98
35) Methylcyclohexane	6.768	83	51932	4.821	ug/L	97
37) 1,2-Dichloropropane	6.793	63	35136	4.906	ug/L	99
38) Bromodichloromethane	7.108	83	44661	5.054	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	51019	5.013	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	278419	59.266	ug/L	97
42) Toluene	7.970	91	146156	5.202	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	46440	5.245	ug/L	100
45) 1,1,2-Trichloroethane	8.401	97	29485	5.545	ug/L	97
47) Tetrachloroethene	8.555	164	25385	5.170	ug/L	97
48) 2-Hexanone	8.687	43	214726	63.270	ug/L	99
49) Dibromochloromethane	8.812	129	33248	5.490	ug/L	98
50) 1,2-Dibromoethane	8.925	107	28231	5.636	ug/L	96
51) Chlorobenzene	9.449	112	92837	5.268	ug/L	97
52) Ethylbenzene	9.571	91	155829	5.299	ug/L	100
53) m,p-Xylene	9.697	106	60049	5.331	ug/L	94
54) o-Xylene	10.102	106	59436	5.468	ug/L	94
55) Styrene	10.115	104	101631	5.554	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	37956	5.573	ug/L	97
59) Bromoform	10.291	173	18741	5.483	ug/L	98
60) Isopropylbenzene	10.488	105	156246	5.157	ug/L	99
61) 1,2,3-Trichloropropane	10.825	75	29600	5.526	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	130387	5.264	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	130299	5.250	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	73755	5.219	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	73304	5.106	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	72839	5.375	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.999	75	5819	5.221	ug/L	87
69) 1,3,5-Trichlorobenzene	13.221	180	54667	5.171	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	45437	5.079	ug/L	97
71) Naphthalene	14.086	128	104112	5.664	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	47191	5.301	ug/L	98

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

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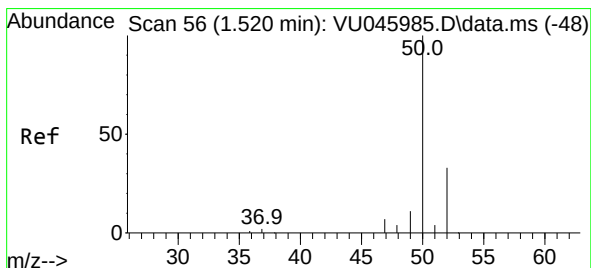
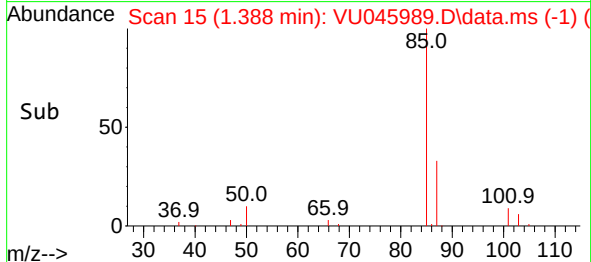
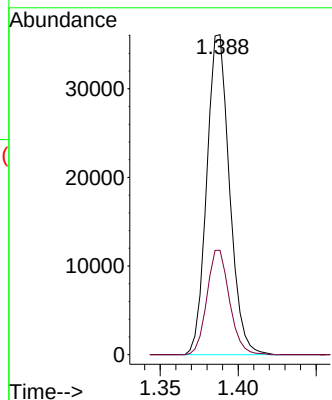
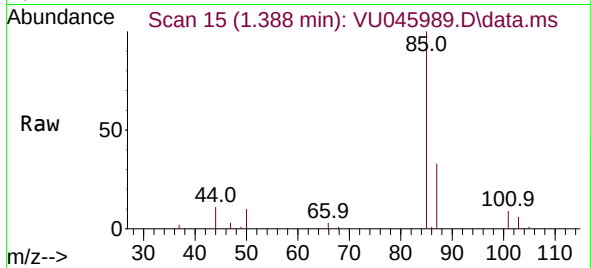




#2
 Dichlorodifluoromethane
 Concen: 4.605 ug/L
 RT: 1.388 min Scan# 15
 Delta R.T. 0.000 min
 Lab File: VU045989.D
 Acq: 24 Nov 2021 13:03

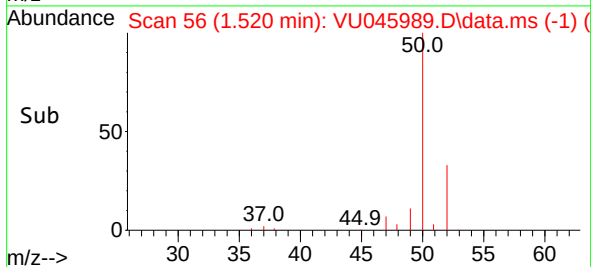
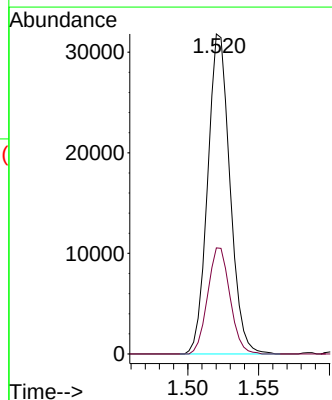
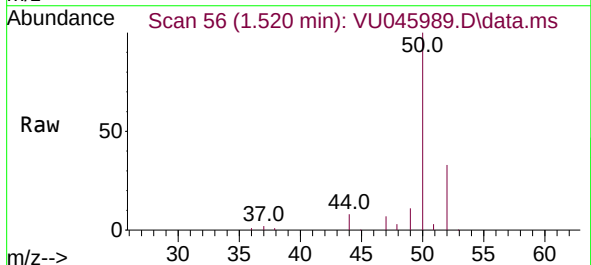
Instrument :
 MSVOA_U
 ClientSampleId :

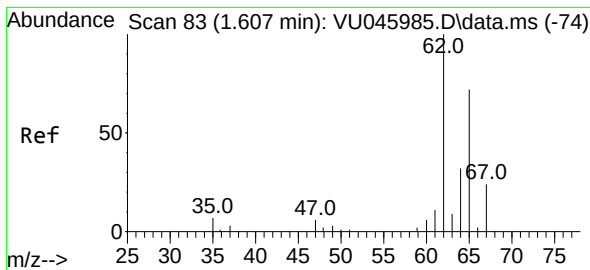
Tgt Ion: 85 Resp: 36704
 Ion Ratio Lower Upper
 85 100
 87 32.4 25.8 38.6



#3
 Chloromethane
 Concen: 4.115 ug/L
 RT: 1.520 min Scan# 56
 Delta R.T. 0.000 min
 Lab File: VU045989.D
 Acq: 24 Nov 2021 13:03

Tgt Ion: 50 Resp: 34760
 Ion Ratio Lower Upper
 50 100
 52 33.1 23.0 42.8





#5

Vinyl chloride

Concen: 4.564 ug/L

RT: 1.607 min Scan# 83

Delta R.T. 0.000 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

Instrument :

MSVOA_U

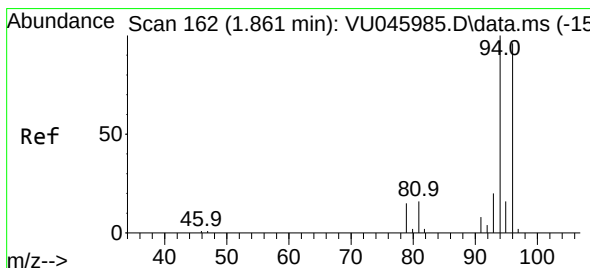
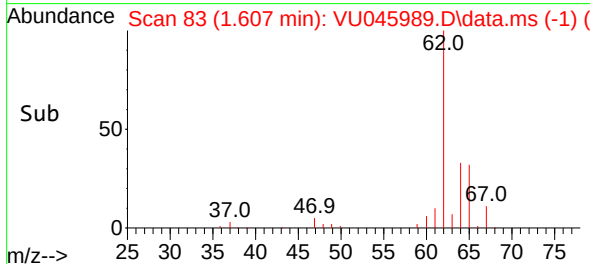
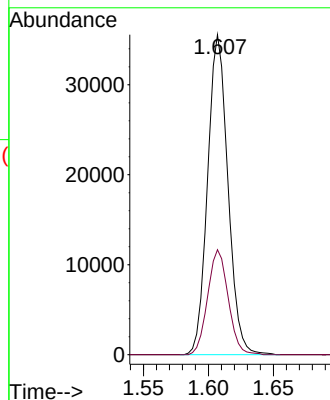
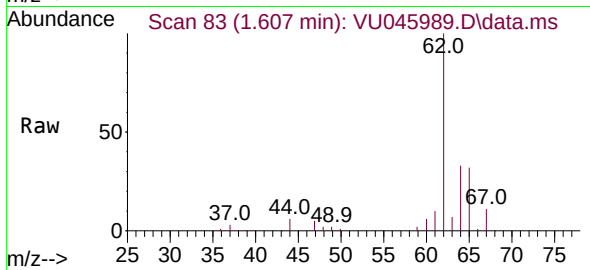
ClientSampleId :

Tgt Ion: 62 Resp: 38692

Ion Ratio Lower Upper

62 100

64 32.8 22.9 42.5



#6

Bromomethane

Concen: 4.178 ug/L

RT: 1.861 min Scan# 162

Delta R.T. 0.000 min

Lab File: VU045989.D

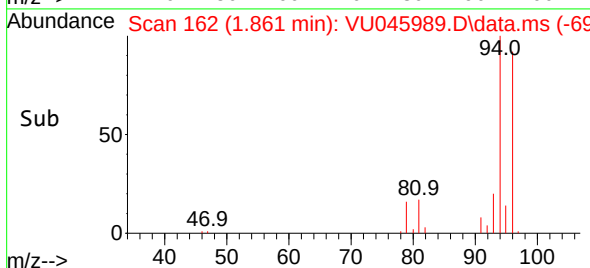
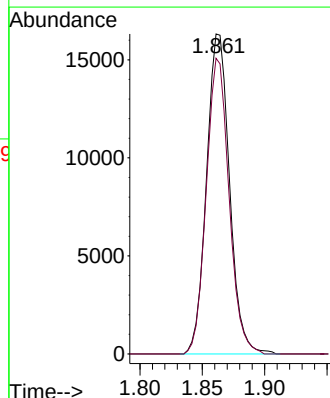
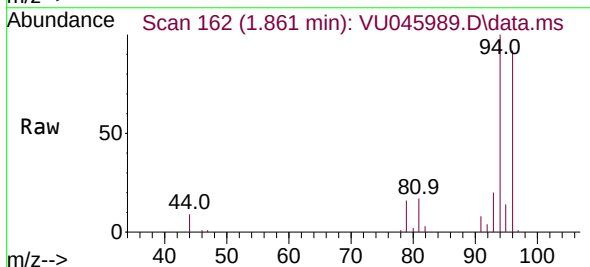
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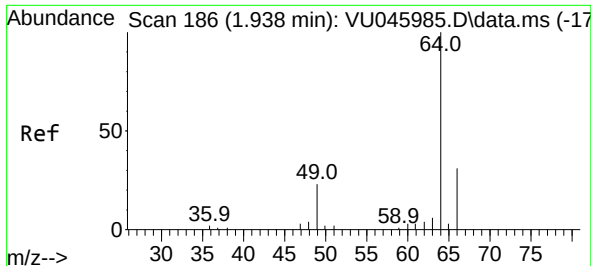
Tgt Ion: 94 Resp: 21007

Ion Ratio Lower Upper

94 100

96 92.4 65.5 121.6

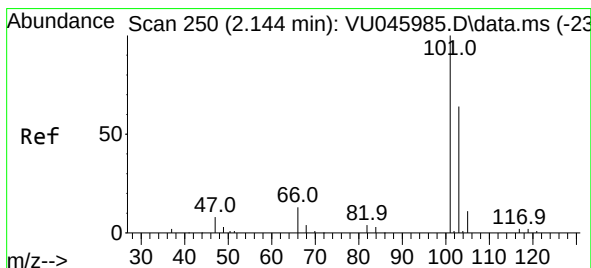
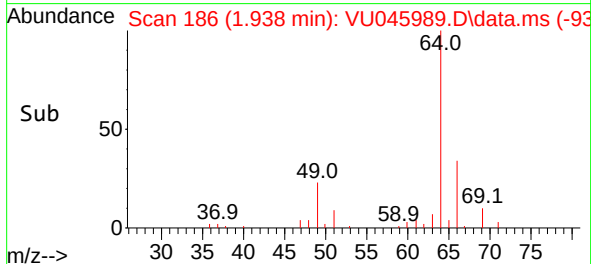
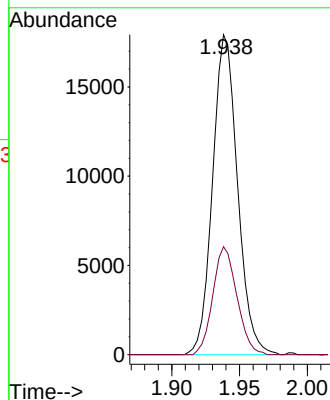
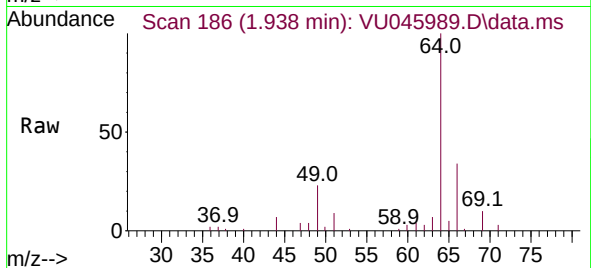




#8
Chloroethane
Concen: 4.750 ug/L
RT: 1.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

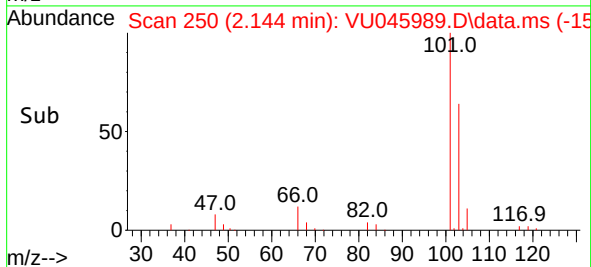
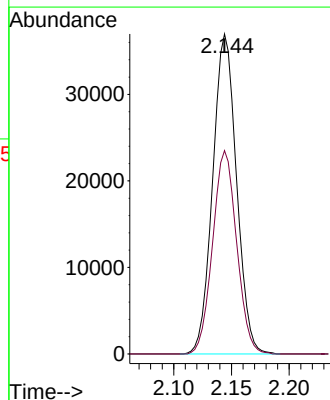
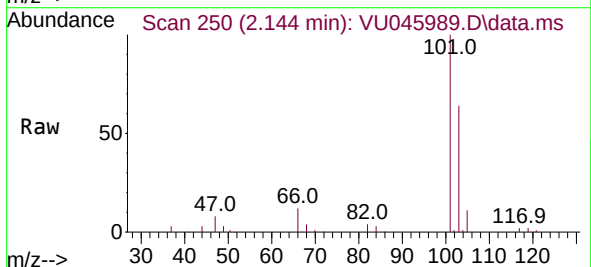
Instrument :
MSVOA_U
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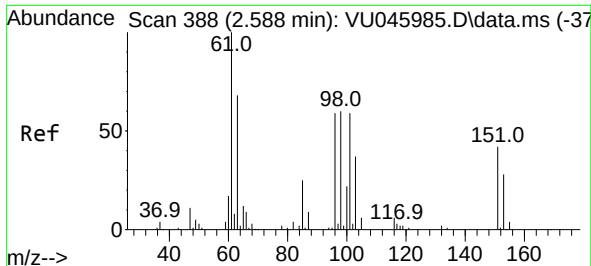
Tgt Ion: 64 Resp: 22961
Ion Ratio Lower Upper
64 100
66 33.8 22.1 41.1



#9
Trichlorofluoromethane
Concen: 4.845 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Tgt Ion:101 Resp: 53028
Ion Ratio Lower Upper
101 100
103 64.0 51.5 77.3

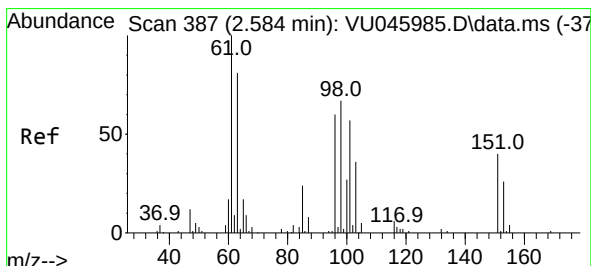
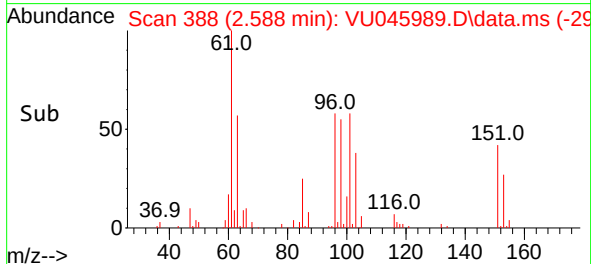
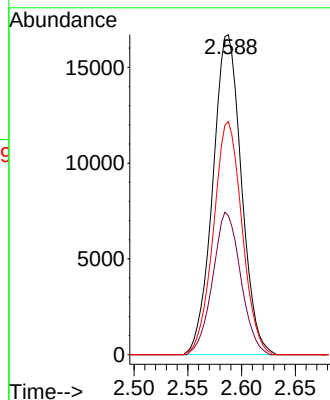
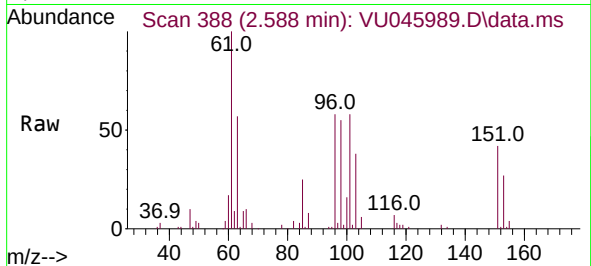




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.821 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU045989.D
 Acq: 24 Nov 2021 13:03

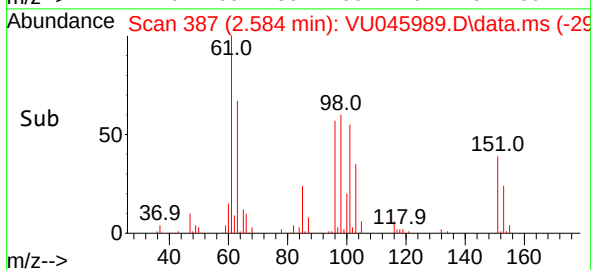
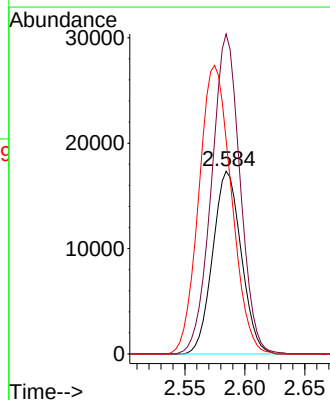
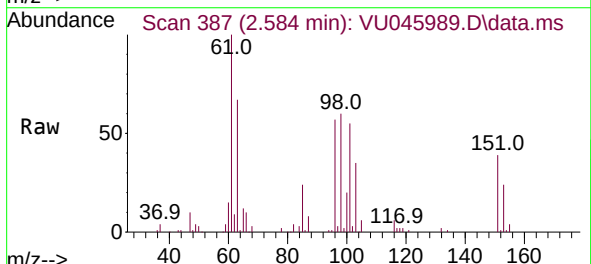
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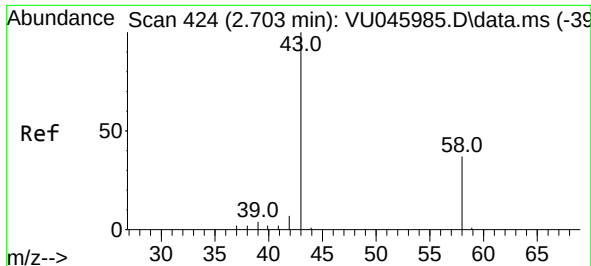
Tgt Ion:101 Resp: 30940
 Ion Ratio Lower Upper
 101 100
 85 43.6 34.6 51.8
 151 72.8 56.1 84.1



#12
 1,1-Dichloroethene
 Concen: 4.730 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. 0.000 min
 Lab File: VU045989.D
 Acq: 24 Nov 2021 13:03

Tgt Ion: 96 Resp: 28663
 Ion Ratio Lower Upper
 96 100
 61 175.1 124.7 231.5
 63 117.2 105.2 195.4





#13

Acetone

Concen: 55.904 ug/L

RT: 2.674 min Scan# 415

Delta R.T. -0.029 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

Instrument :

MSVOA_U

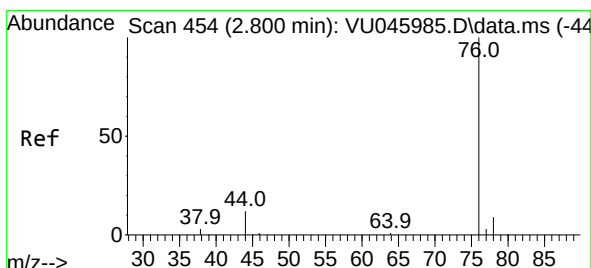
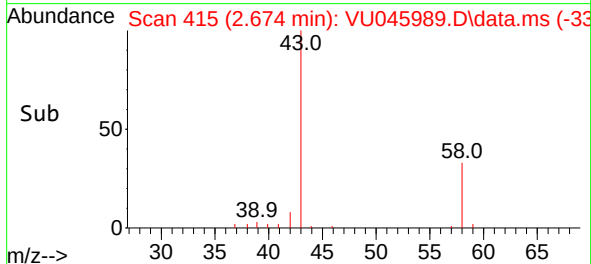
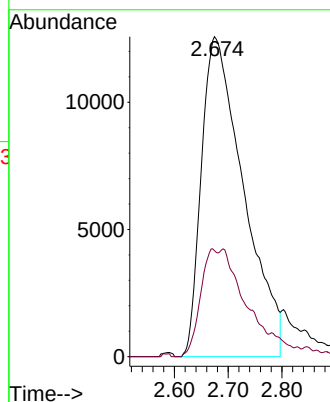
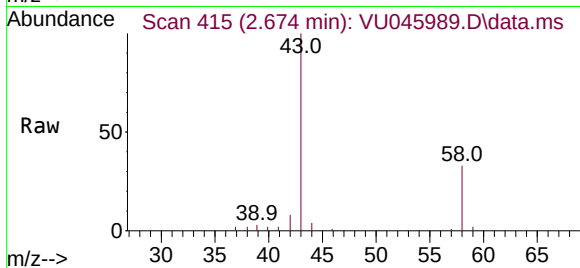
ClientSampleId :

Tgt Ion: 43 Resp: 68396

Ion Ratio Lower Upper

43 100

58 13.8 0.0 71.6



#14

Carbon disulfide

Concen: 4.057 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU045989.D

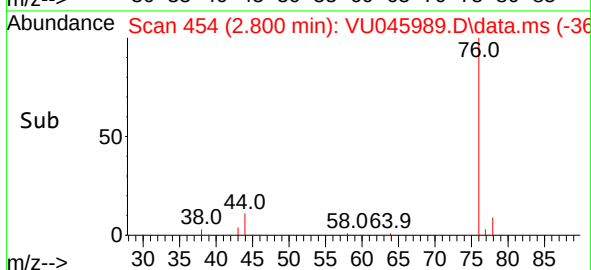
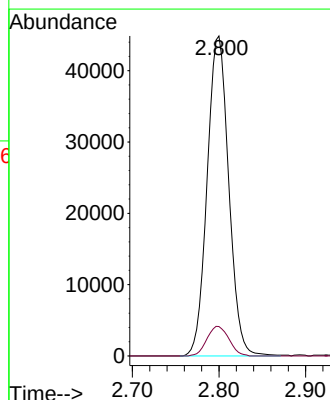
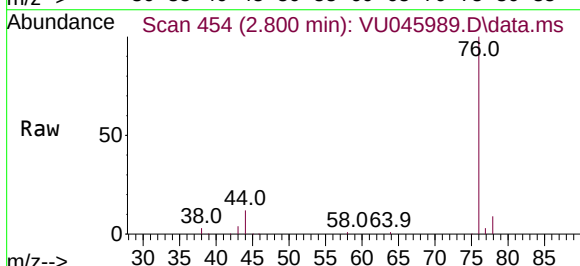
Acq: 24 Nov 2021 13:03

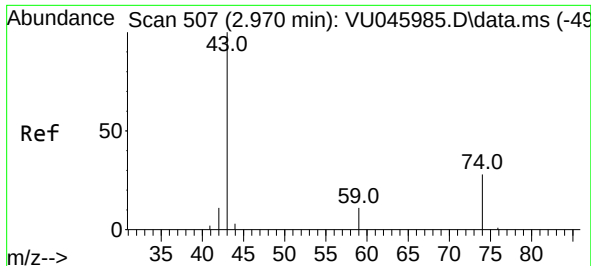
Tgt Ion: 76 Resp: 77768

Ion Ratio Lower Upper

76 100

78 9.2 7.5 11.3

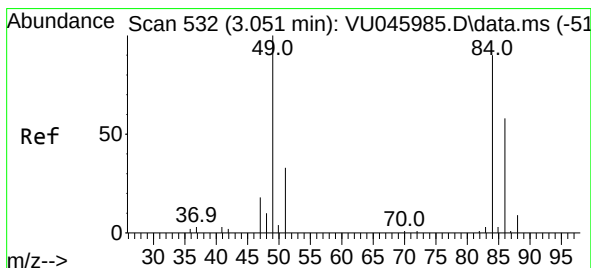
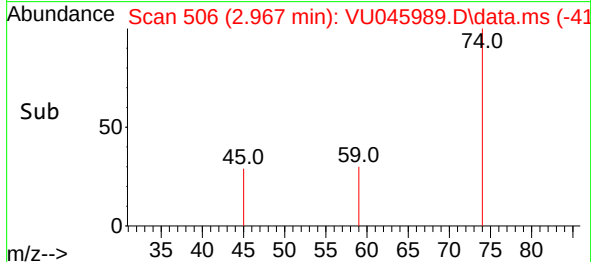
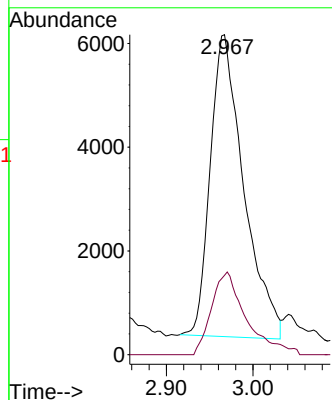
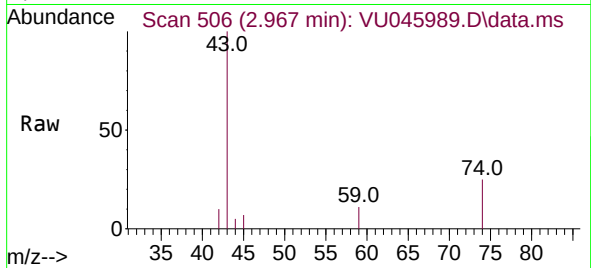




#15
Methyl Acetate
Concen: 5.210 ug/L
RT: 2.967 min Scan# 507
Delta R.T. -0.003 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

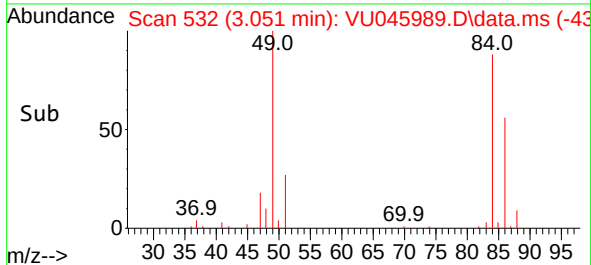
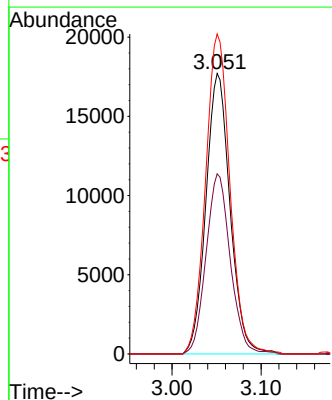
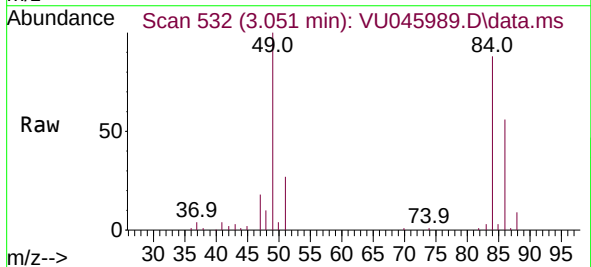
Instrument :
MSVOA_U
ClientSampleId :

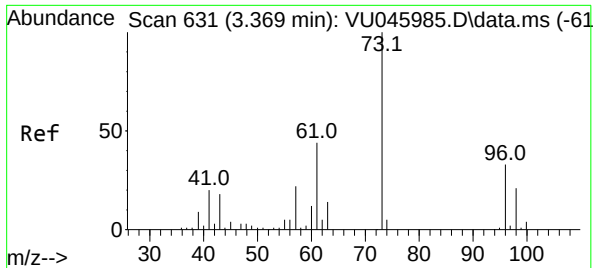
Tgt Ion: 43 Resp: 15639
Ion Ratio Lower Upper
43 100
74 28.4 19.1 28.7



#16
Methylene chloride
Concen: 3.728 ug/L
RT: 3.051 min Scan# 532
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Tgt Ion: 84 Resp: 33354
Ion Ratio Lower Upper
84 100
86 64.2 45.8 85.0
49 114.1 84.5 156.9

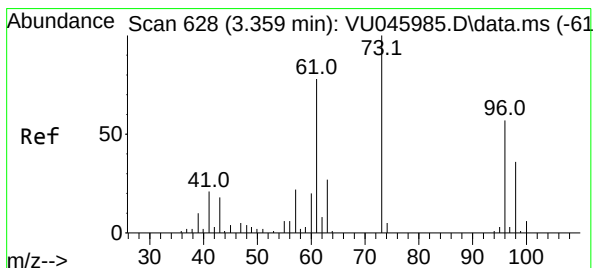
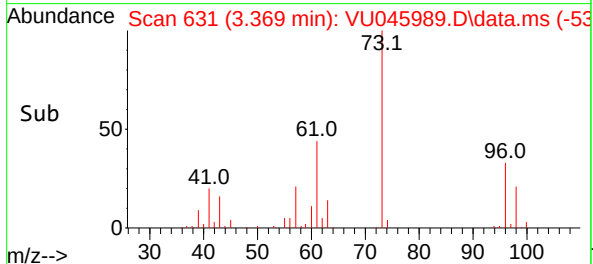
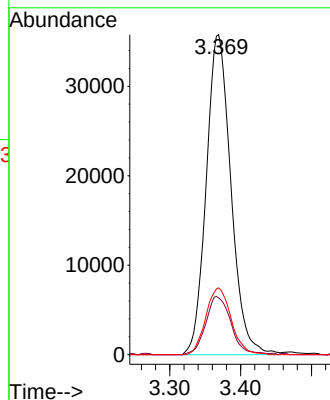
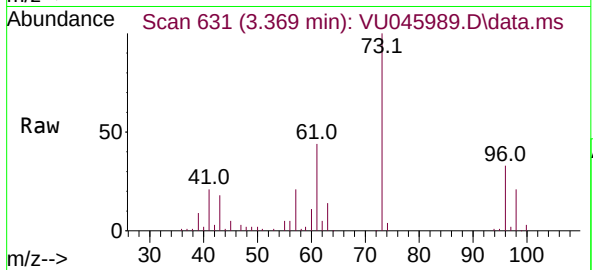




#17
Methyl tert-butyl Ether
Concen: 5.489 ug/L
RT: 3.369 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

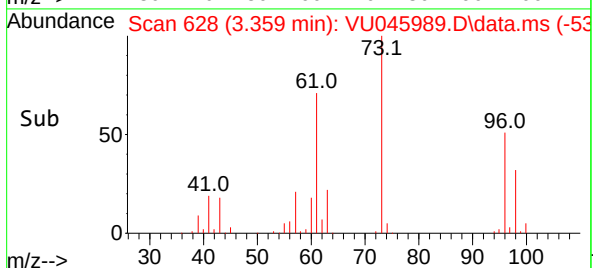
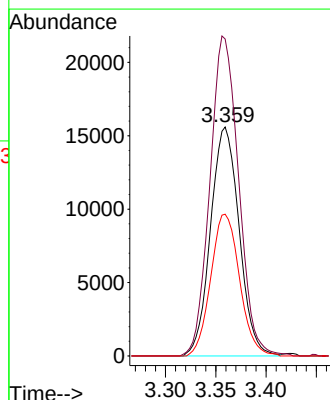
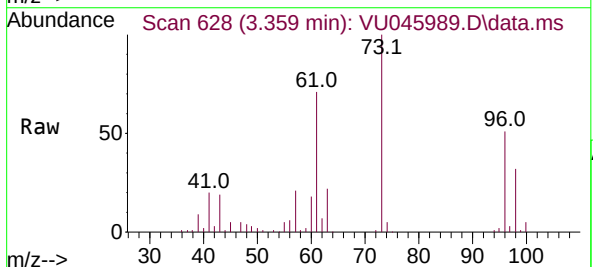
Instrument :
MSVOA_U
ClientSampleId :

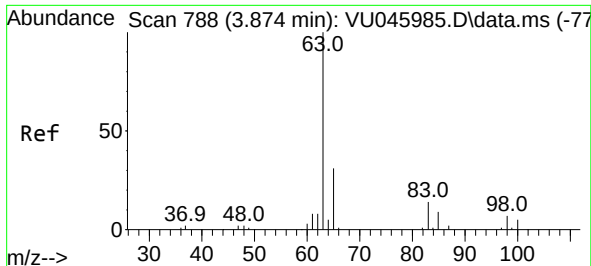
Tgt Ion: 73 Resp: 86604
Ion Ratio Lower Upper
73 100
43 18.6 14.8 22.2
57 21.4 17.4 26.0



#18
trans-1,2-Dichloroethene
Concen: 4.758 ug/L
RT: 3.359 min Scan# 628
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Tgt Ion: 96 Resp: 30911
Ion Ratio Lower Upper
96 100
61 138.4 100.8 187.2
98 61.9 45.1 83.7





#19

1,1-Dichloroethane

Concen: 5.843 ug/L

RT: 3.874 min Scan# 711

Delta R.T. 0.000 min

Lab File: VU045989.D

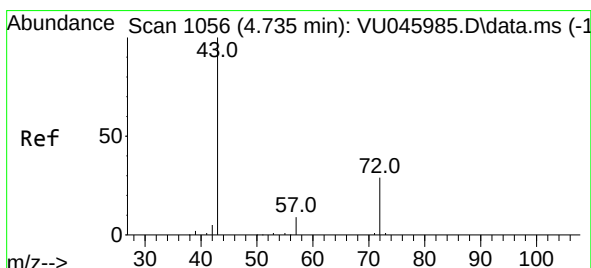
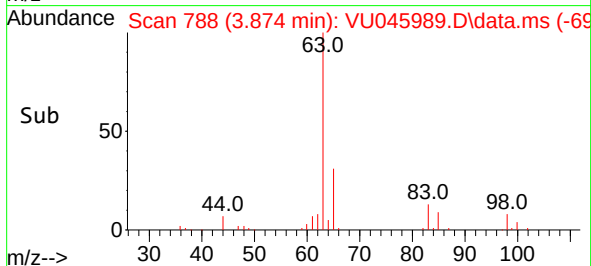
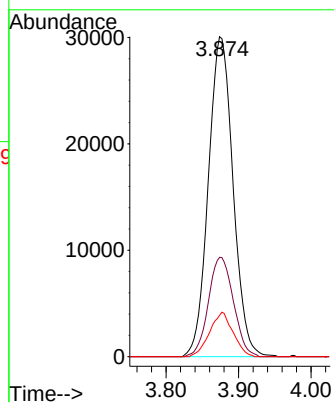
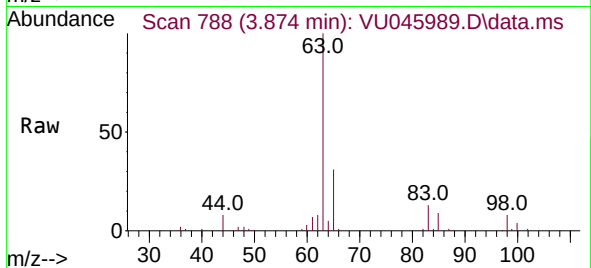
Acq: 24 Nov 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 63	Resp: 71112
Ion Ratio	Lower Upper
63 100	
65 31.1	22.3 41.5
83 12.9	9.6 17.8



#21

2-Butanone

Concen: 58.904 ug/L

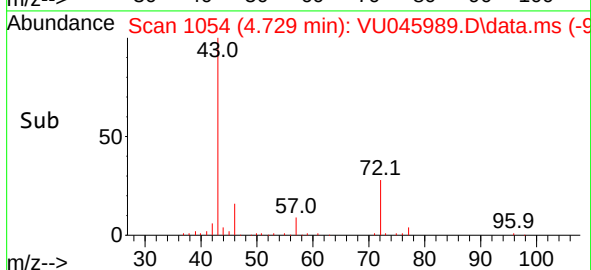
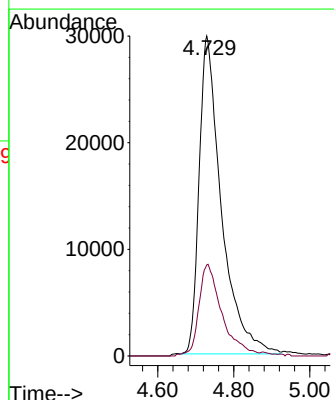
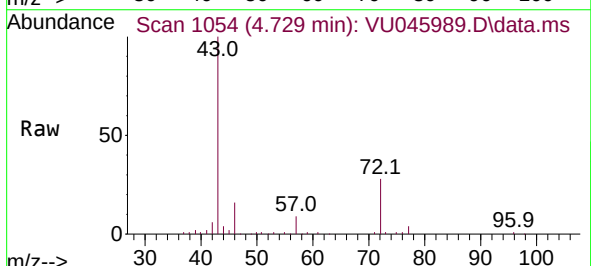
RT: 4.729 min Scan# 1054

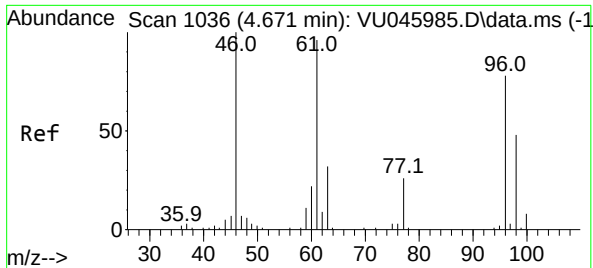
Delta R.T. -0.006 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

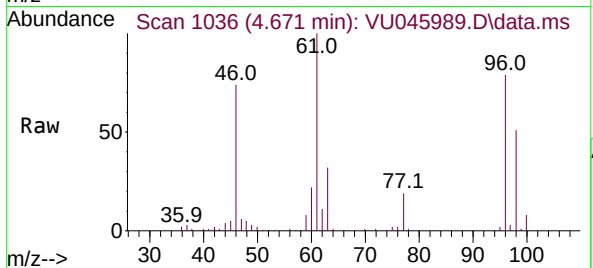
Tgt Ion: 43	Resp: 121255
Ion Ratio	Lower Upper
43 100	
72 29.8	14.1 42.3



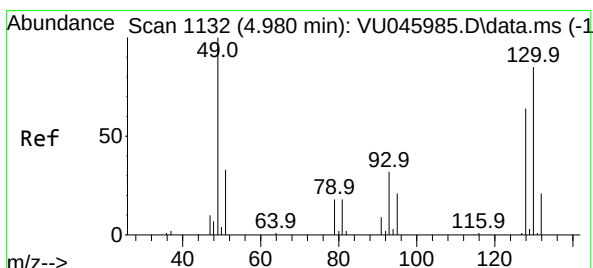
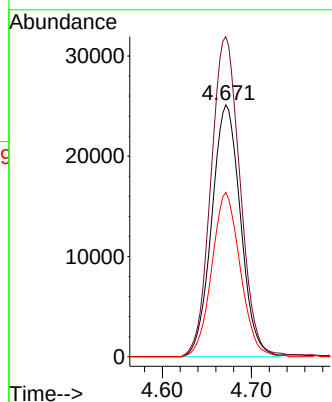
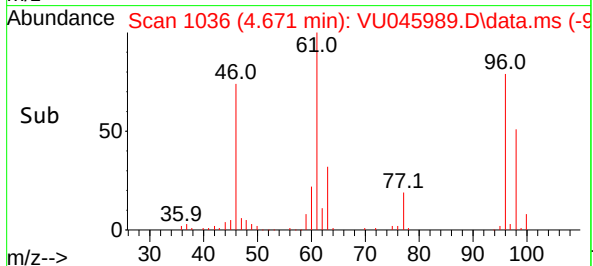


#22
 cis-1,2-Dichloroethene
 Concen: 8.012 ug/L
 RT: 4.671 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VU045989.D
 Acq: 24 Nov 2021 13:03

Instrument :
 MSVOA_U
 ClientSampleId :

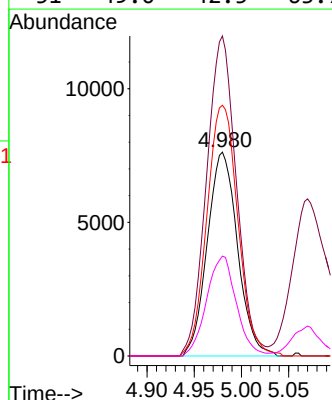
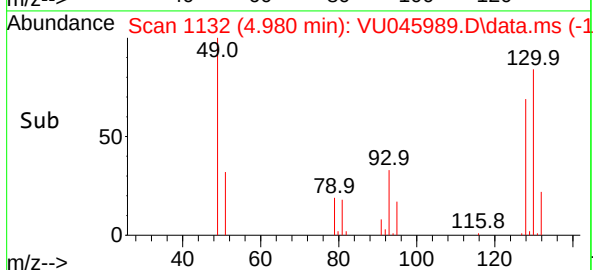
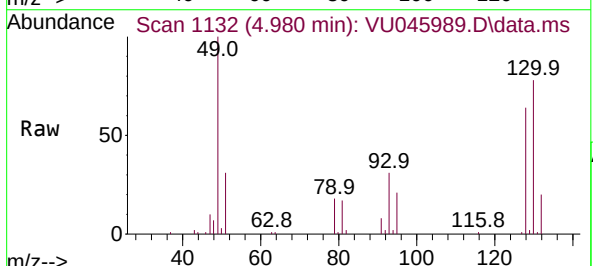


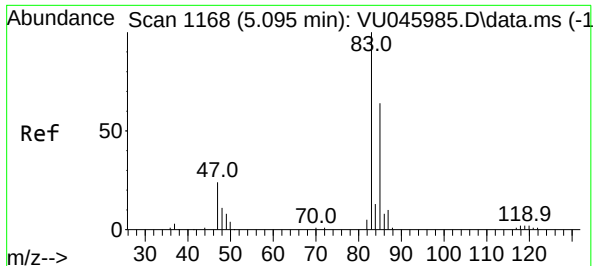
Tgt Ion: 96 Resp: 56431
 Ion Ratio Lower Upper
 96 100
 61 127.1 88.5 164.3
 98 65.3 44.4 82.5



#23
 Bromochloromethane
 Concen: 5.525 ug/L
 RT: 4.980 min Scan# 1132
 Delta R.T. 0.000 min
 Lab File: VU045989.D
 Acq: 24 Nov 2021 13:03

Tgt Ion: 128 Resp: 16962
 Ion Ratio Lower Upper
 128 100
 49 157.0 117.0 217.2
 130 123.0 88.2 163.8
 51 49.0 42.5 63.7





#25

Chloroform

Concen: 4.868 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.003 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

Instrument :

MSVOA_U

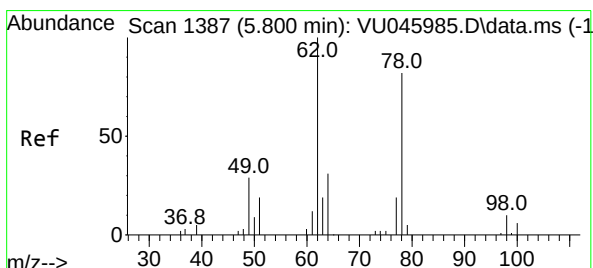
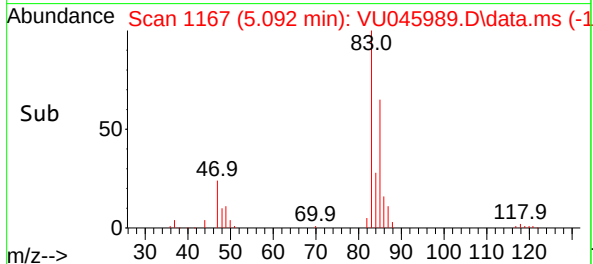
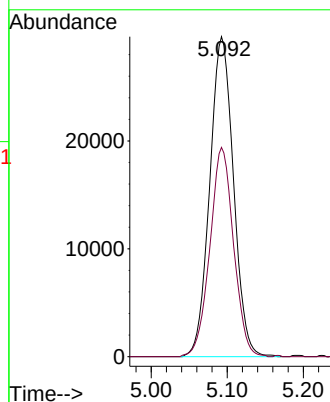
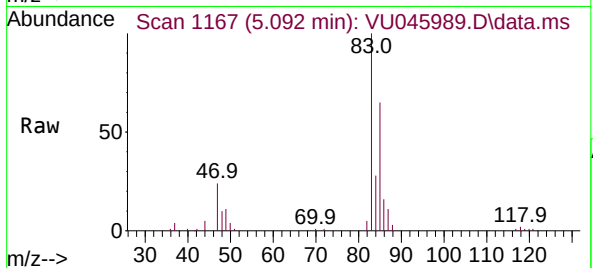
ClientSampleId :

Tgt Ion: 83 Resp: 64276

Ion Ratio Lower Upper

83 100

85 65.4 46.9 87.1



#27

1,2-Dichloroethane

Concen: 5.090 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. -0.003 min

Lab File: VU045989.D

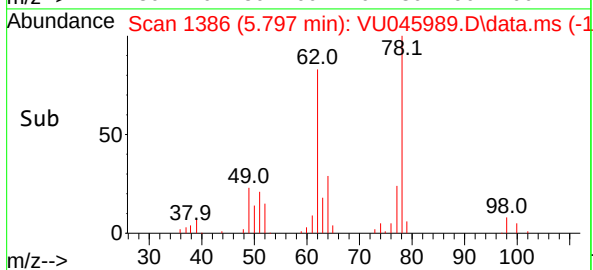
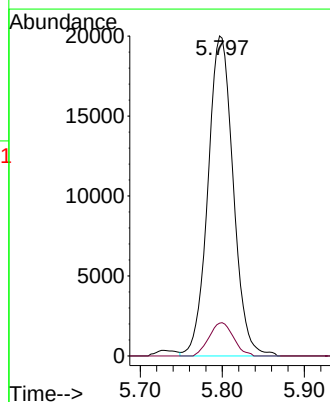
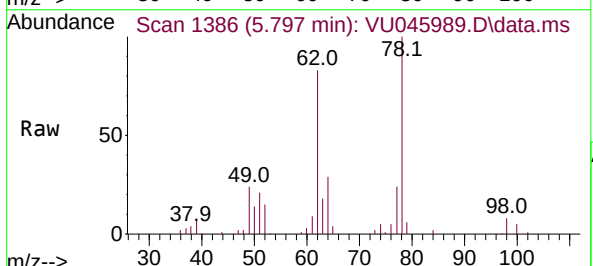
Acq: 24 Nov 2021 13:03

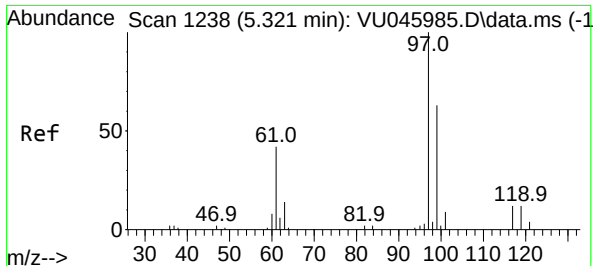
Tgt Ion: 62 Resp: 42881

Ion Ratio Lower Upper

62 100

98 10.2 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.037 ug/L

RT: 5.321 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

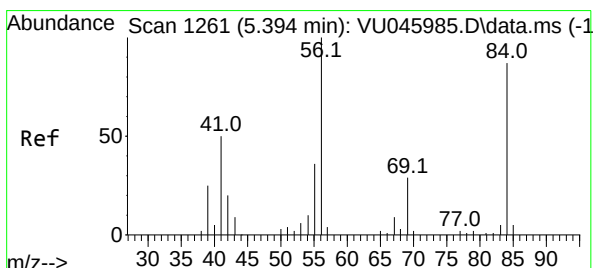
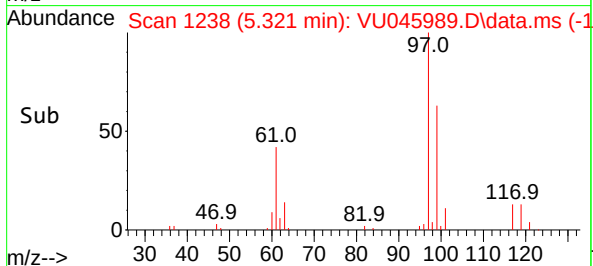
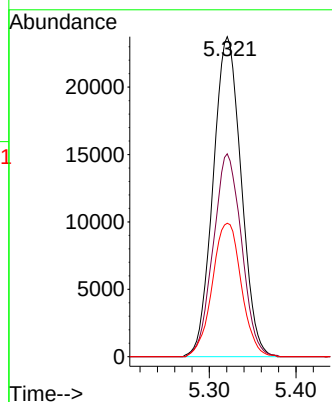
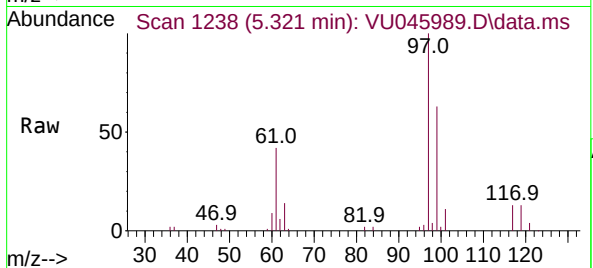
Tgt Ion: 97 Resp: 53376

Ion Ratio Lower Upper

97 100

99 64.1 51.3 76.9

61 43.2 36.1 54.1



#30

Cyclohexane

Concen: 4.589 ug/L

RT: 5.391 min Scan# 1260

Delta R.T. -0.003 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

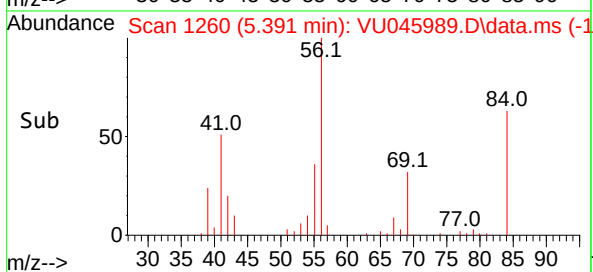
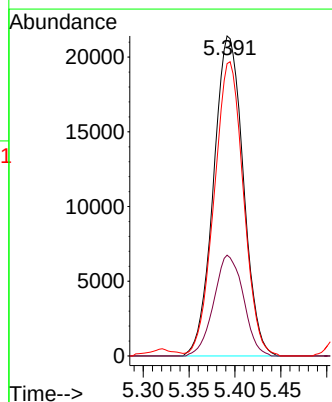
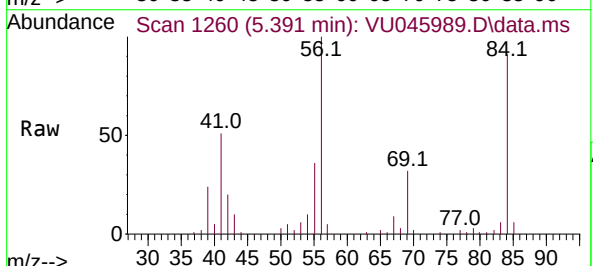
Tgt Ion: 56 Resp: 48225

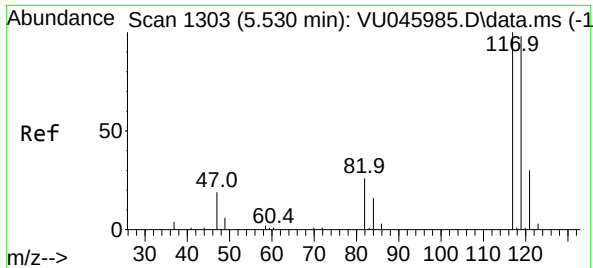
Ion Ratio Lower Upper

56 100

69 31.4 24.7 37.1

84 90.8 71.8 107.6

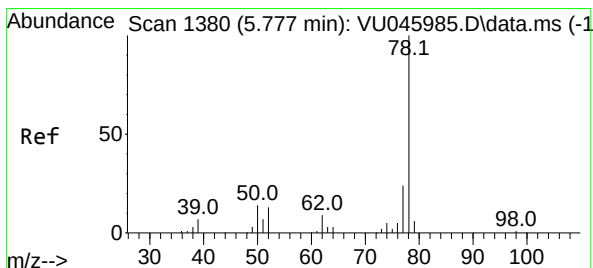
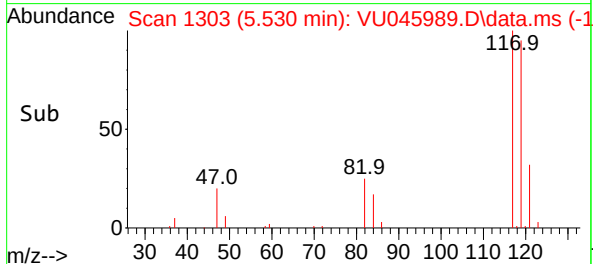
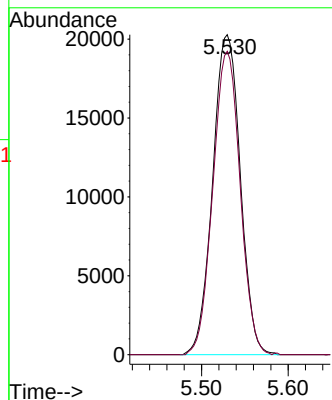
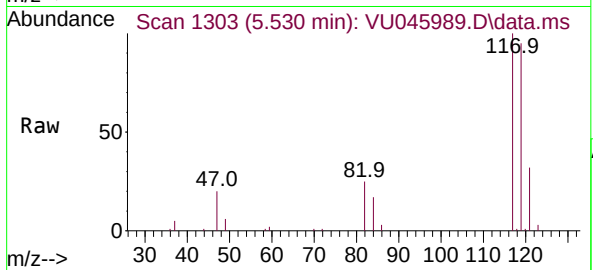




#31
Carbon tetrachloride
Concen: 5.048 ug/L
RT: 5.530 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

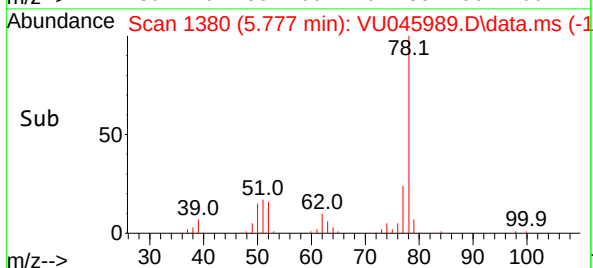
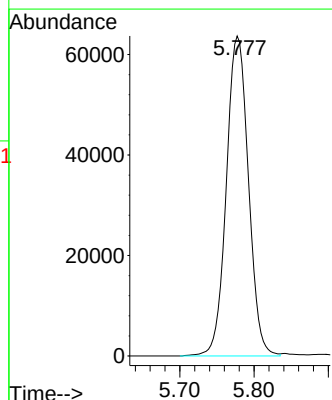
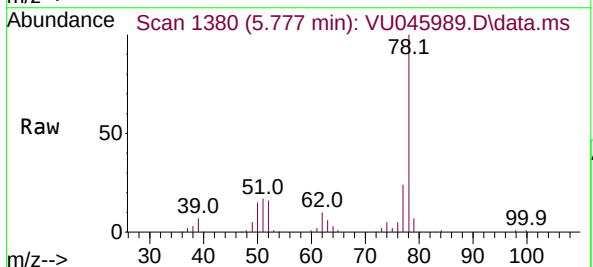
Instrument :
MSVOA_U
ClientSampleId :

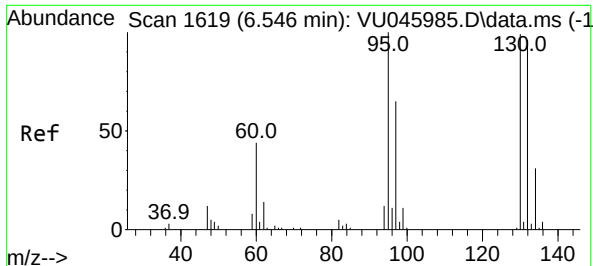
Tgt Ion:117 Resp: 44985
Ion Ratio Lower Upper
117 100
119 93.4 77.5 116.3



#33
Benzene
Concen: 4.839 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Tgt Ion: 78 Resp: 131689



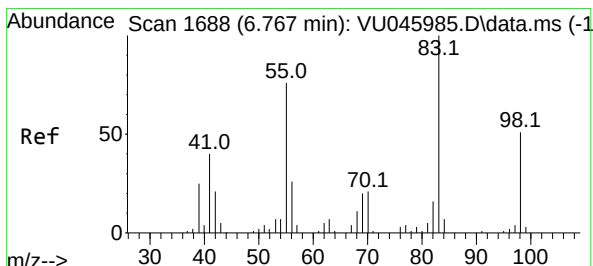
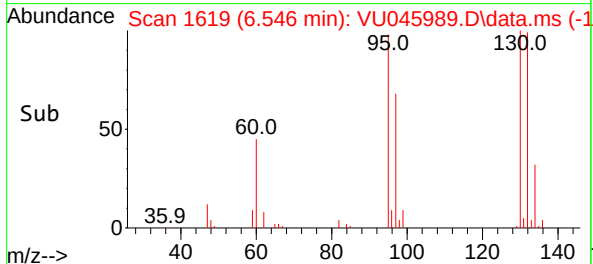
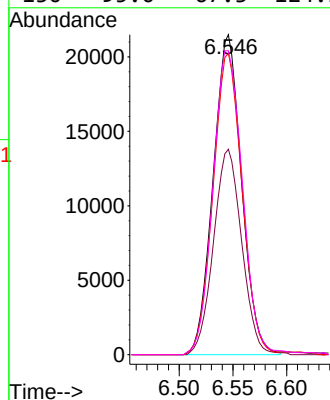
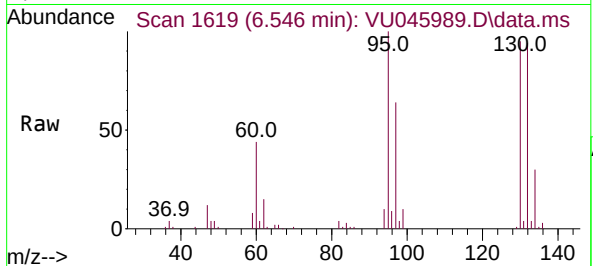


#34
Trichloroethene
Concen: 5.633 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 95 Resp: 39510

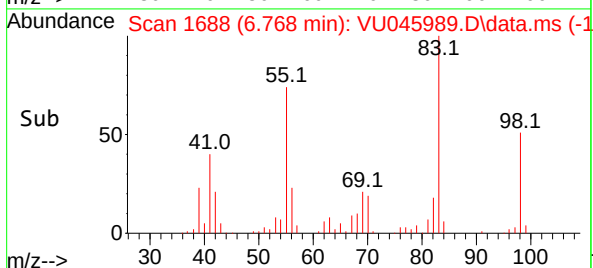
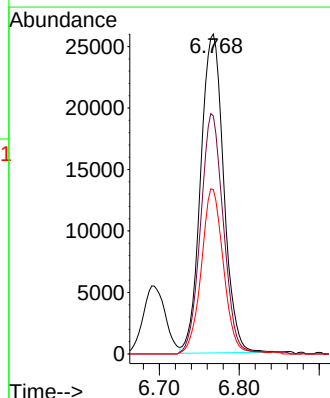
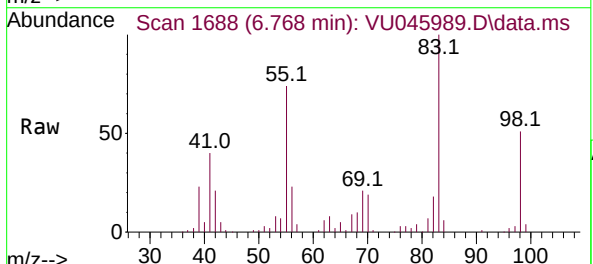
Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.5	86.5
132	94.2	65.1	120.9
130	95.0	67.3	124.9

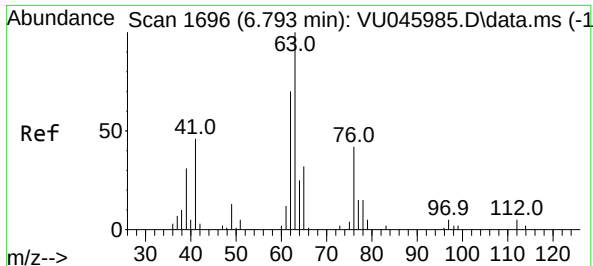


#35
Methylcyclohexane
Concen: 4.821 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Tgt Ion: 83 Resp: 51932

Ion	Ratio	Lower	Upper
83	100		
55	74.5	61.9	92.9
98	50.0	39.0	58.6





#37

1,2-Dichloropropane

Concen: 4.906 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

Instrument :

MSVOA_U

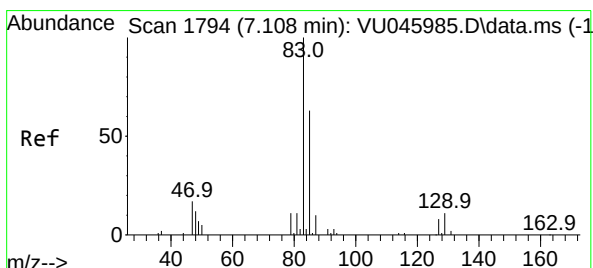
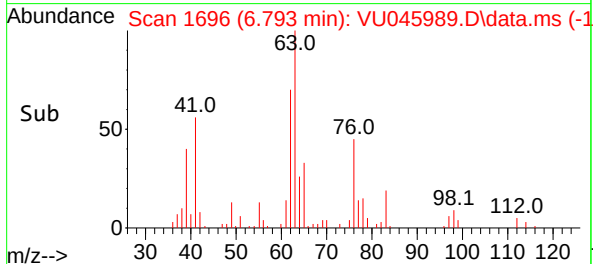
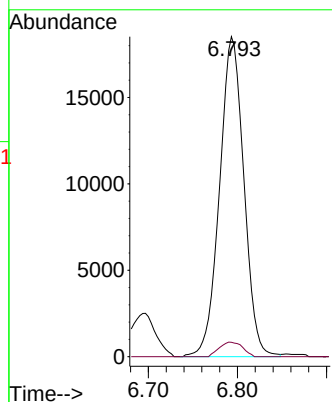
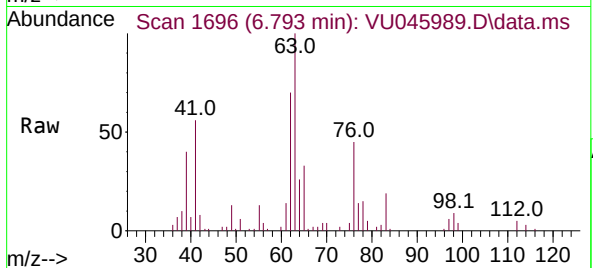
ClientSampleId :

Tgt Ion: 63 Resp: 35136

Ion Ratio Lower Upper

63 100

112 4.4 3.2 4.8



#38

Bromodichloromethane

Concen: 5.054 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

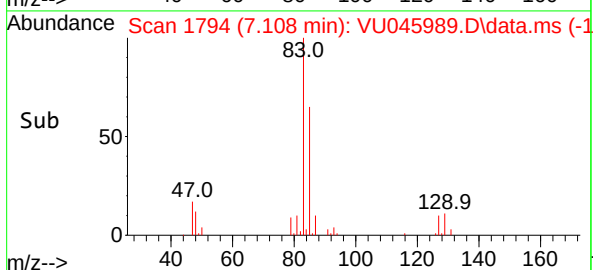
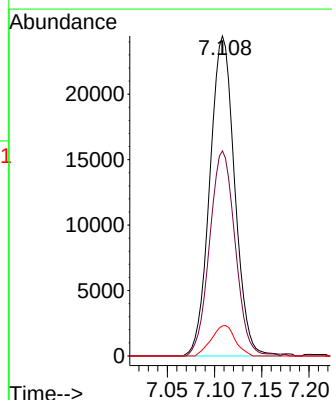
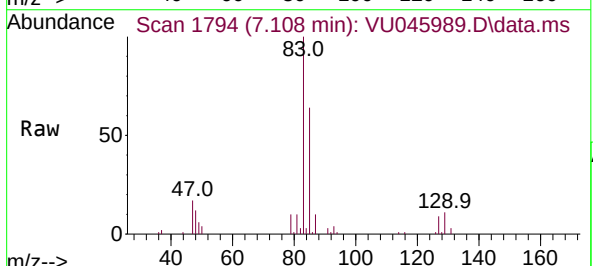
Tgt Ion: 83 Resp: 44661

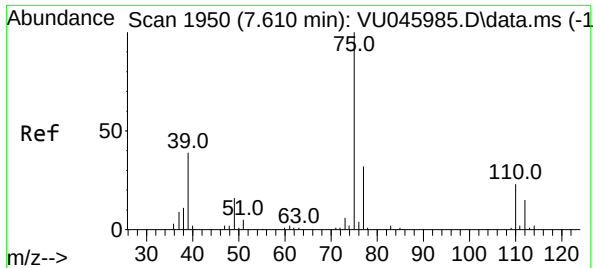
Ion Ratio Lower Upper

83 100

85 64.1 44.0 81.8

127 9.4 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 5.013 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

Instrument :

MSVOA_U

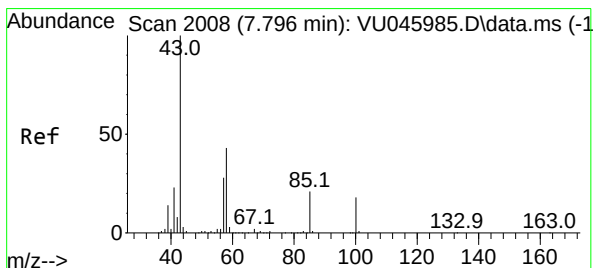
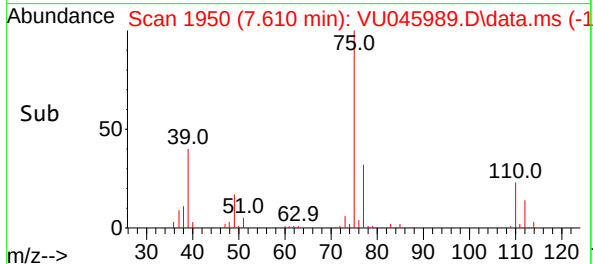
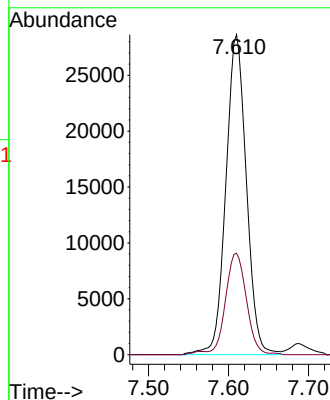
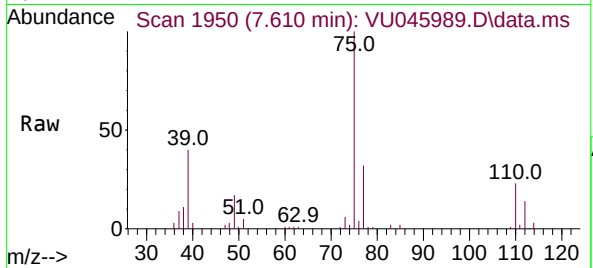
ClientSampleId :

Tgt Ion: 75 Resp: 51019

Ion Ratio Lower Upper

75 100

77 31.7 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 59.266 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.000 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

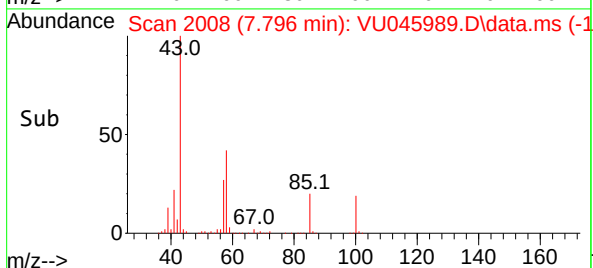
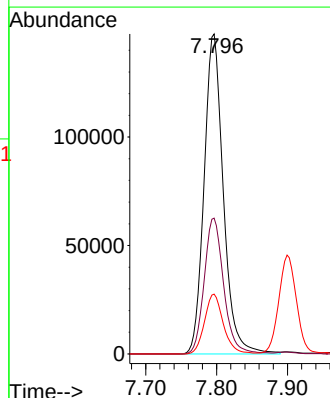
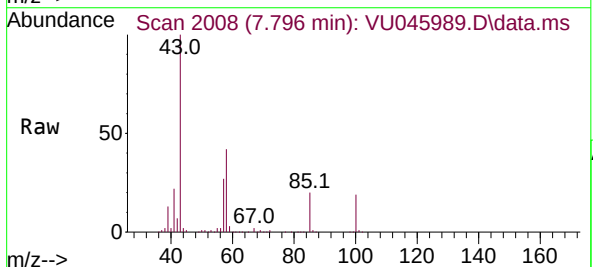
Tgt Ion: 43 Resp: 278419

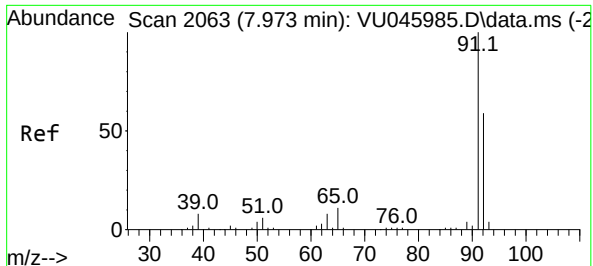
Ion Ratio Lower Upper

43 100

58 43.1 33.1 49.7

100 18.3 13.2 19.8





#42

Toluene

Concen: 5.202 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

Instrument :

MSVOA_U

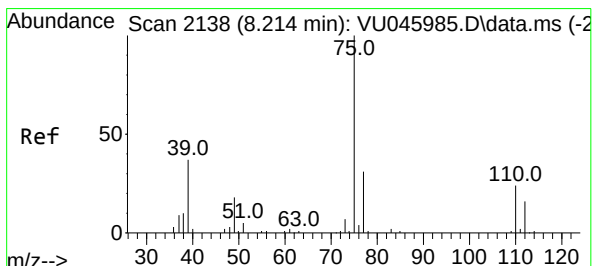
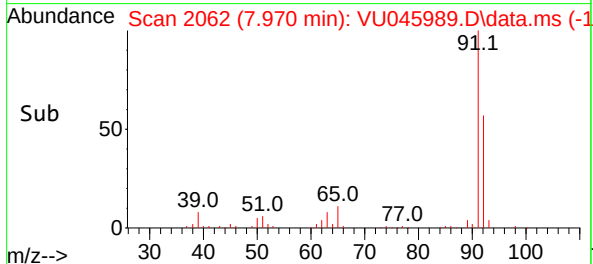
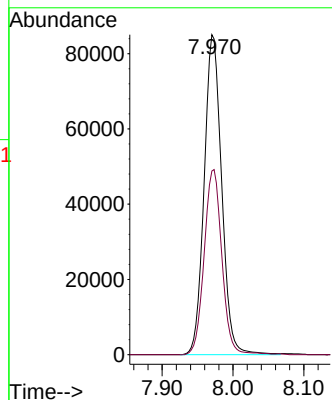
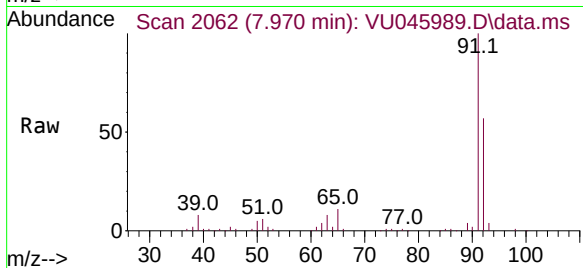
ClientSampleId :

Tgt Ion: 91 Resp: 146156

Ion Ratio Lower Upper

91 100

92 57.4 41.3 76.7



#44

trans-1,3-Dichloropropene

Concen: 5.245 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU045989.D

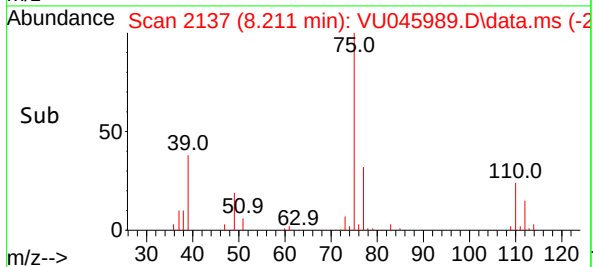
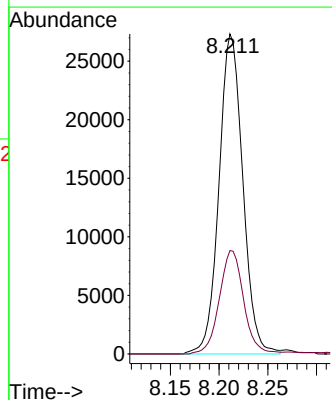
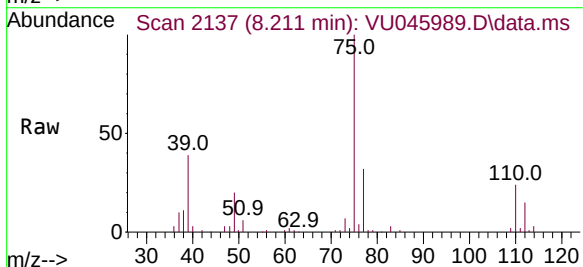
Acq: 24 Nov 2021 13:03

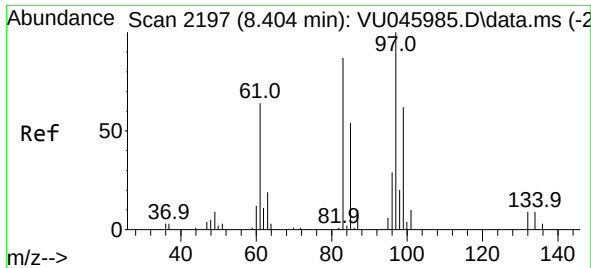
Tgt Ion: 75 Resp: 46440

Ion Ratio Lower Upper

75 100

77 32.3 22.7 42.3



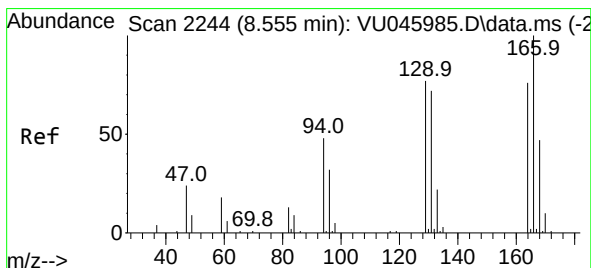
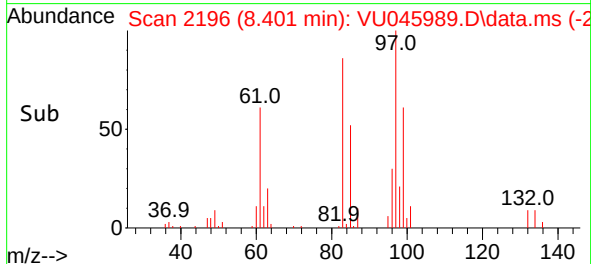
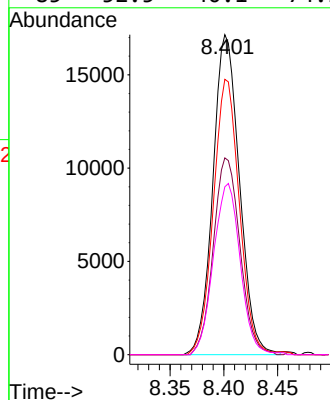
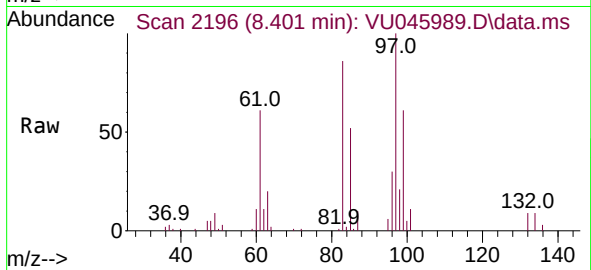


#45
1,1,2-Trichloroethane
Concen: 5.545 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 29485

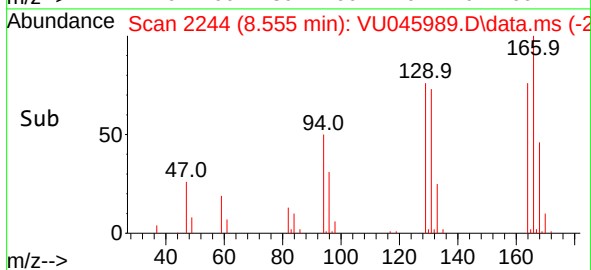
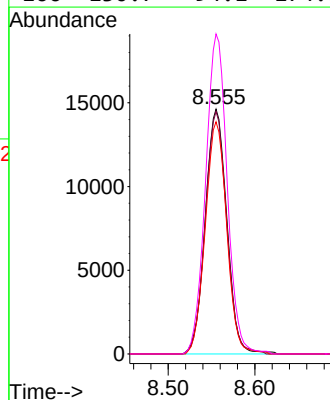
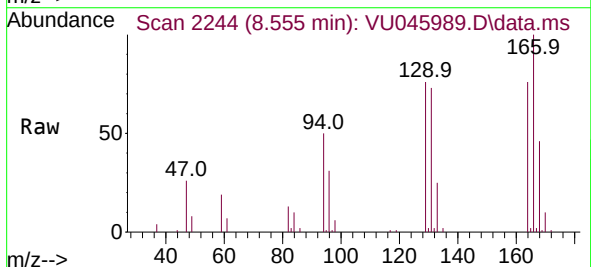
Ion	Ratio	Lower	Upper
97	100		
99	61.5	42.3	78.5
83	86.0	62.0	115.2
85	52.5	40.1	74.5

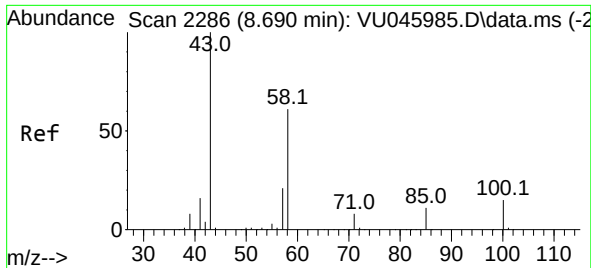


#47
Tetrachloroethene
Concen: 5.170 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Tgt Ion: 164 Resp: 25385

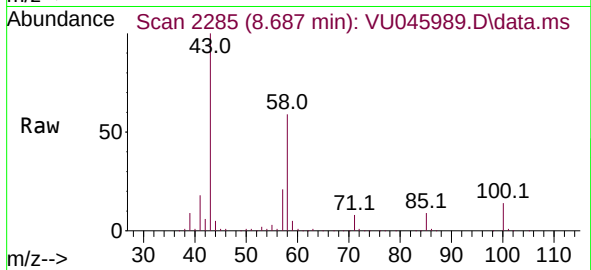
Ion	Ratio	Lower	Upper
164	100		
129	99.0	71.8	133.4
131	94.8	68.5	127.3
166	130.7	94.1	174.8



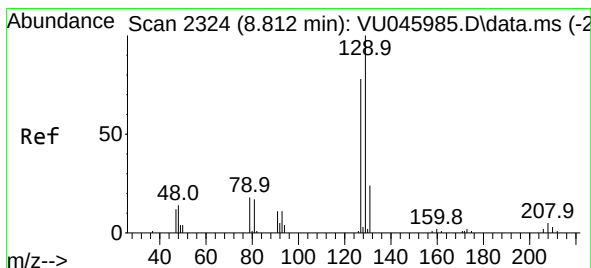
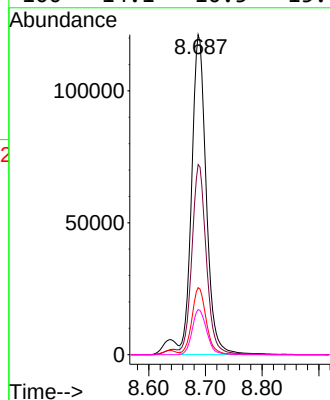
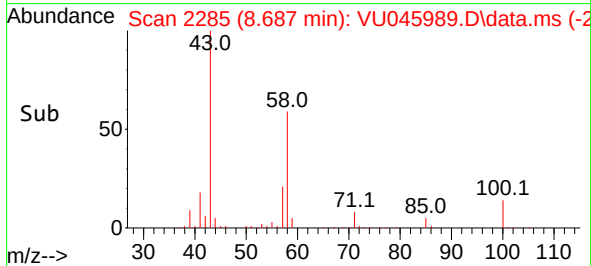


#48
2-Hexanone
Concen: 63.270 ug/L
RT: 8.687 min Scan# 214726
Delta R.T. -0.003 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Instrument :
MSVOA_U
ClientSampleId :

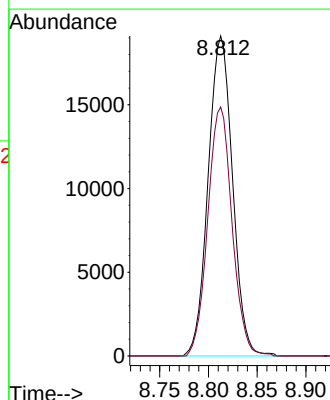
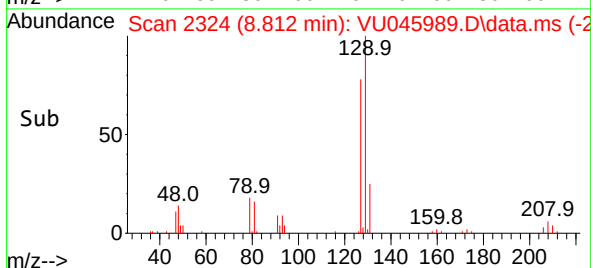
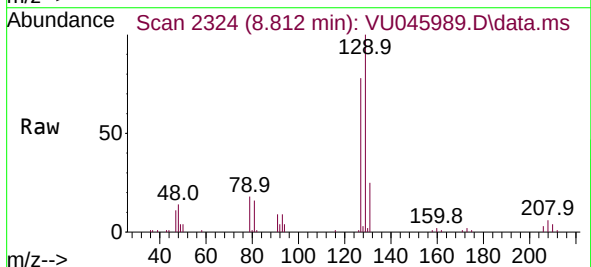


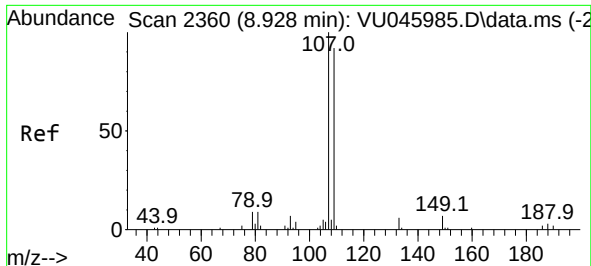
Tgt Ion	Ratio	Lower	Upper
43	100		
58	59.0	46.7	70.1
57	20.6	16.3	24.5
100	14.1	10.5	15.7



#49
Dibromochloromethane
Concen: 5.490 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

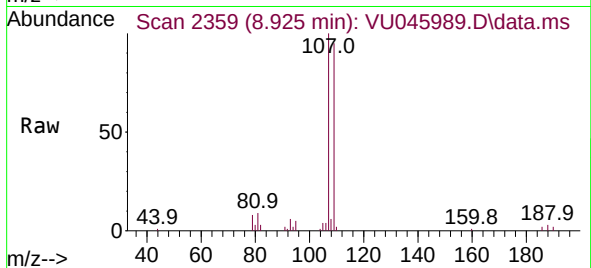
Tgt Ion	Ratio	Lower	Upper
129	100		
127	77.8	55.4	102.8



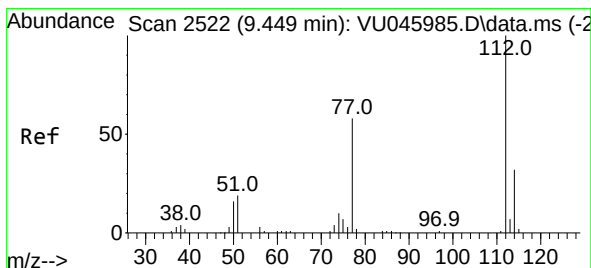
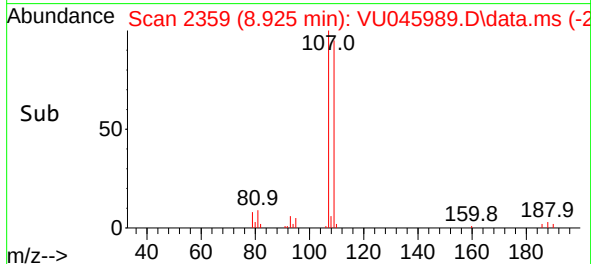
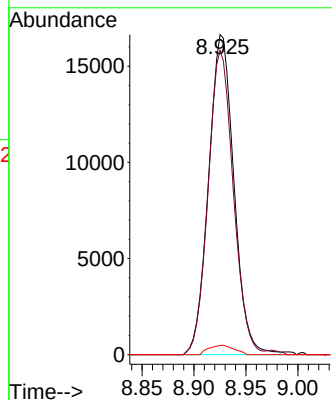


#50
1,2-Dibromoethane
Concen: 5.636 ug/L
RT: 8.925 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Instrument :
MSVOA_U
ClientSampleId :

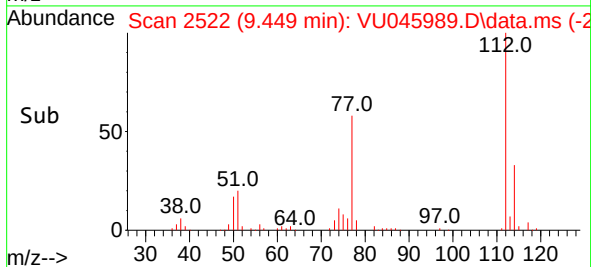
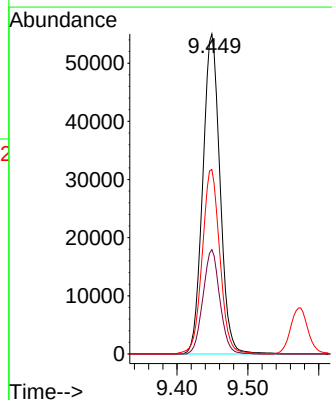
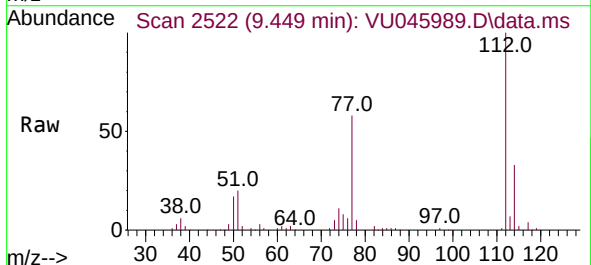


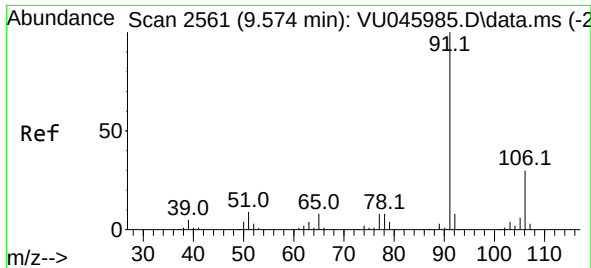
Tgt Ion:107 Resp: 28231
Ion Ratio Lower Upper
107 100
109 95.1 64.0 119.0
188 2.9 2.4 3.6



#51
Chlorobenzene
Concen: 5.268 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Tgt Ion:112 Resp: 92837
Ion Ratio Lower Upper
112 100
114 32.6 22.1 41.1
77 57.7 48.3 72.5

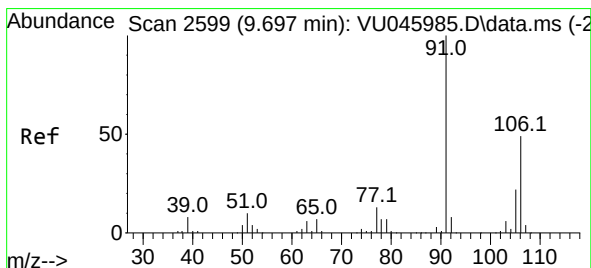
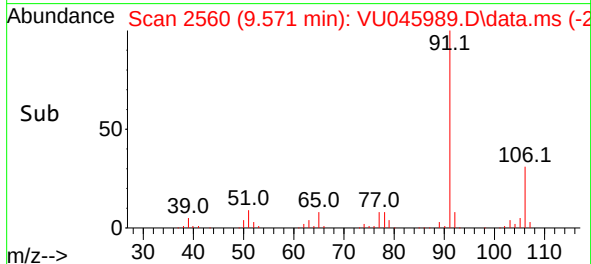
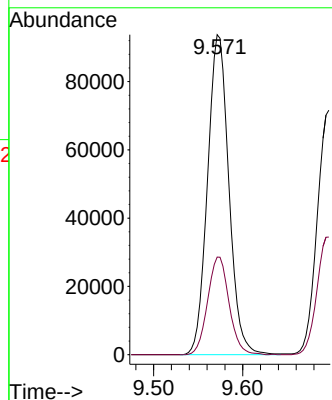
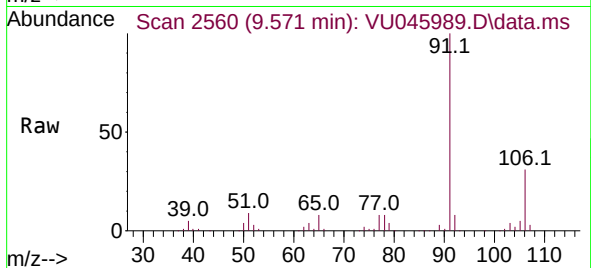




#52
Ethylbenzene
Concen: 5.299 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

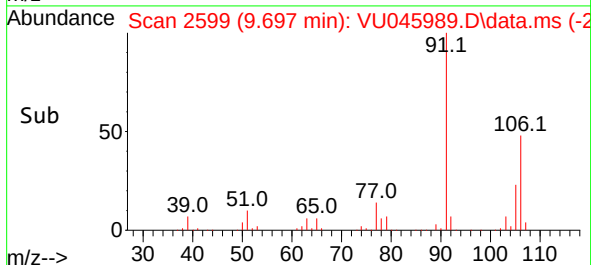
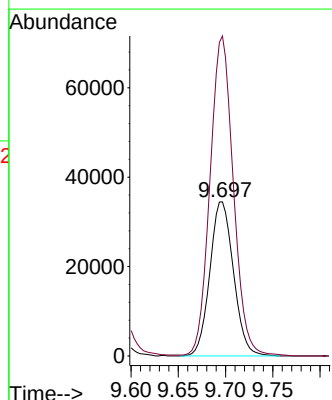
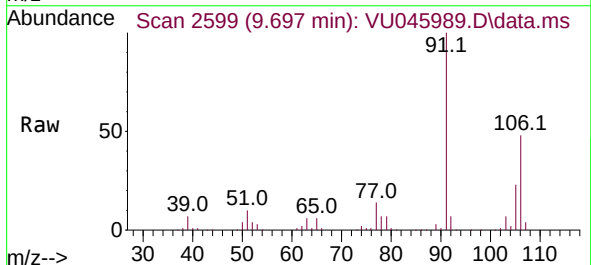
Instrument :
MSVOA_U
ClientSampleId :

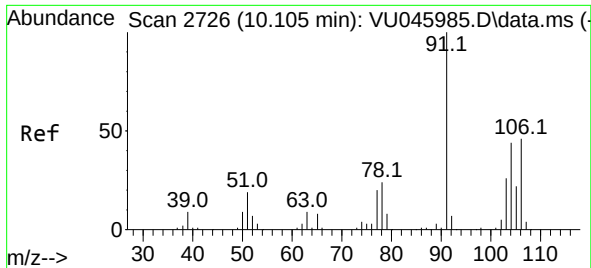
Tgt Ion: 91 Resp: 155829
Ion Ratio Lower Upper
91 100
106 30.5 21.5 39.9



#53
m,p-Xylene
Concen: 5.331 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Tgt Ion: 106 Resp: 60049
Ion Ratio Lower Upper
106 100
91 207.8 139.4 259.0

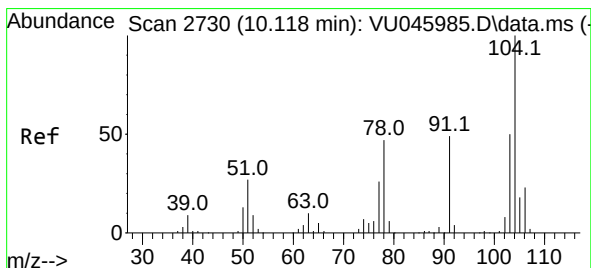
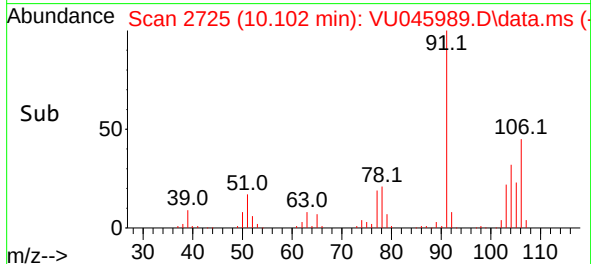
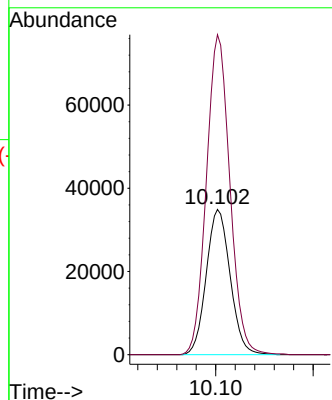
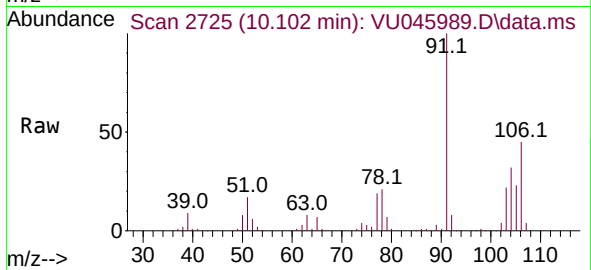




#54
o-Xylene
Concen: 5.468 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

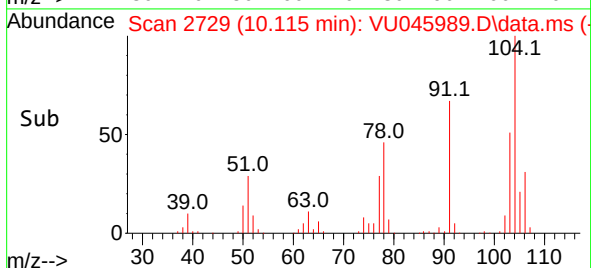
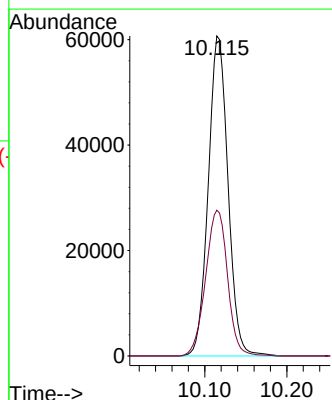
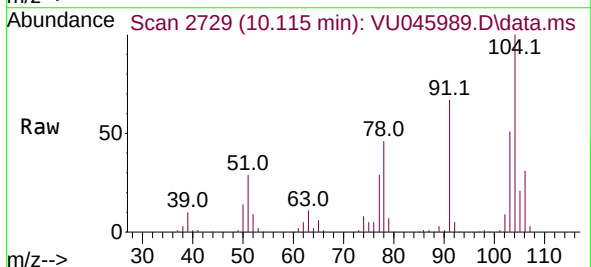
Instrument :
MSVOA_U
ClientSampleId :

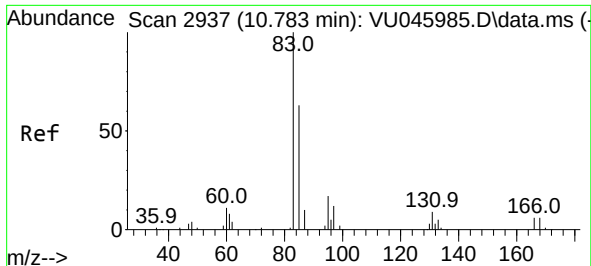
Tgt Ion:106 Resp: 59436
Ion Ratio Lower Upper
106 100
91 220.3 147.5 273.9



#55
Styrene
Concen: 5.554 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Tgt Ion:104 Resp: 101631
Ion Ratio Lower Upper
104 100
78 45.5 33.0 61.4





#57

1,1,2,2-Tetrachloroethane

Concen: 5.573 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

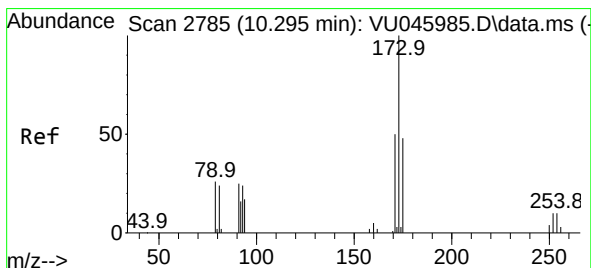
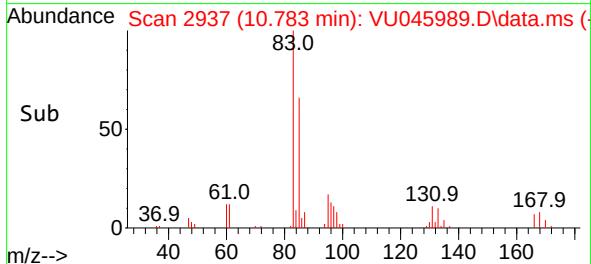
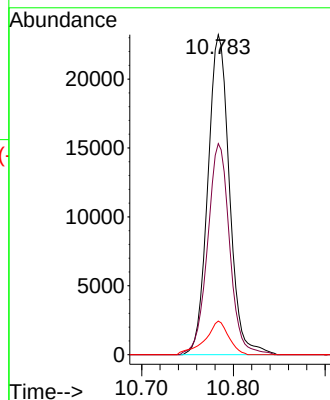
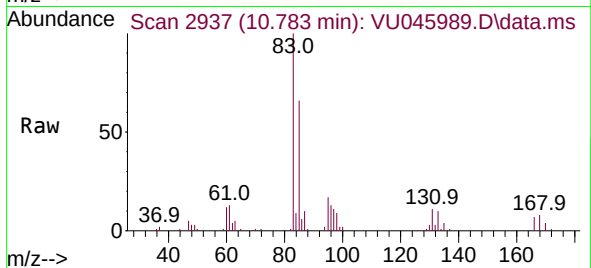
Tgt Ion: 83 Resp: 37956

Ion Ratio Lower Upper

83 100

85 65.9 47.9 89.1

131 10.5 8.1 12.1



#59

Bromoform

Concen: 5.483 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.003 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

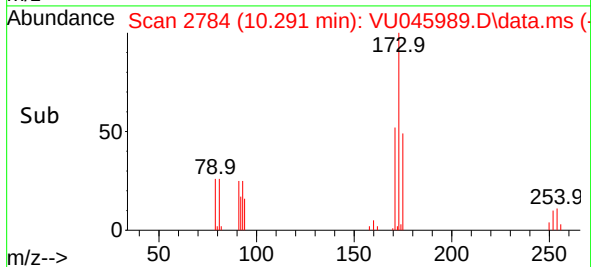
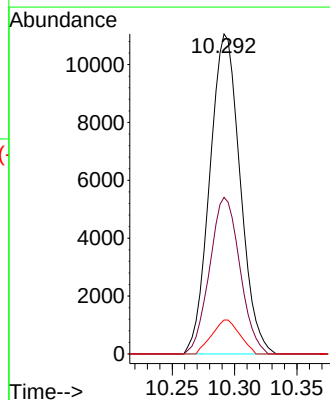
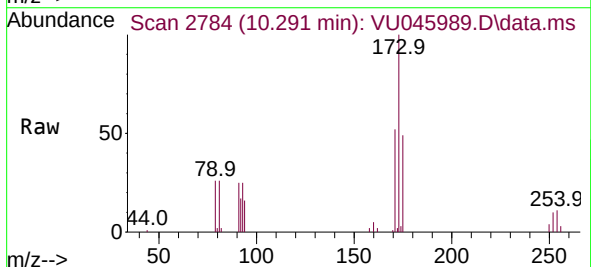
Tgt Ion: 173 Resp: 18741

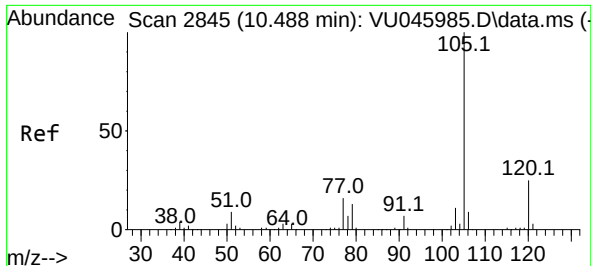
Ion Ratio Lower Upper

173 100

175 48.7 37.8 56.6

254 9.7 7.3 10.9

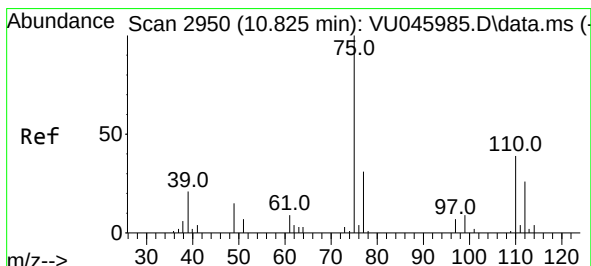
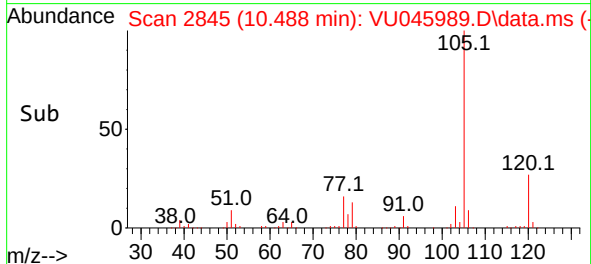
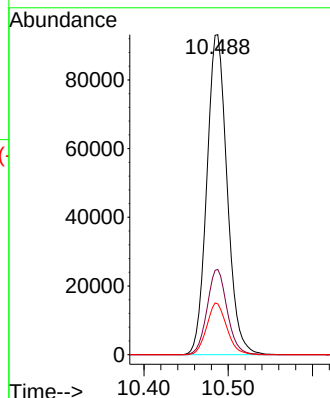
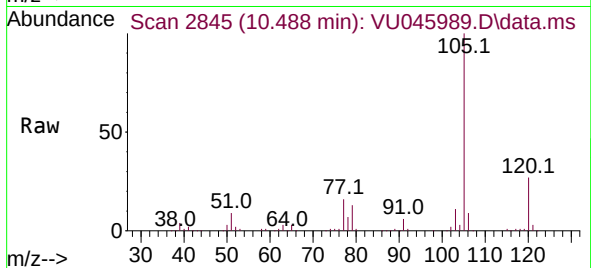




#60
Isopropylbenzene
Concen: 5.157 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

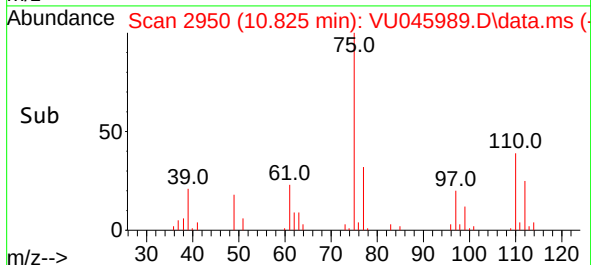
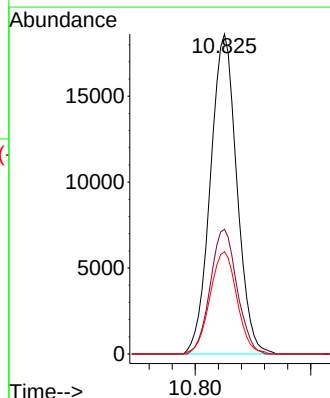
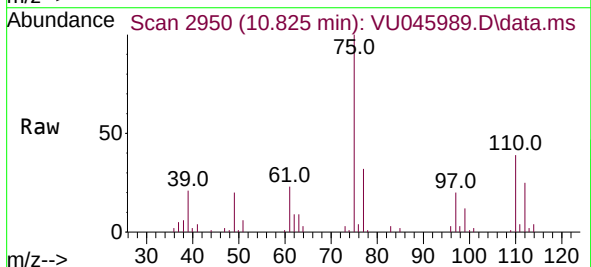
Instrument :
MSVOA_U
ClientSampleId :

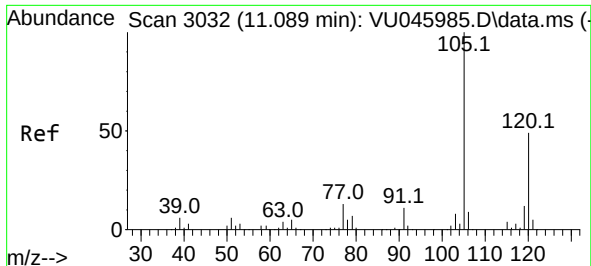
Tgt Ion:105 Resp: 156246
Ion Ratio Lower Upper
105 100
120 26.4 20.7 31.1
77 15.9 12.6 19.0



#61
1,2,3-Trichloropropane
Concen: 5.526 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Tgt Ion: 75 Resp: 29600
Ion Ratio Lower Upper
75 100
110 39.3 29.9 44.9
77 32.6 25.5 38.3





#62

1,3,5-Trimethylbenzene

Concen: 5.264 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

Instrument :

MSVOA_U

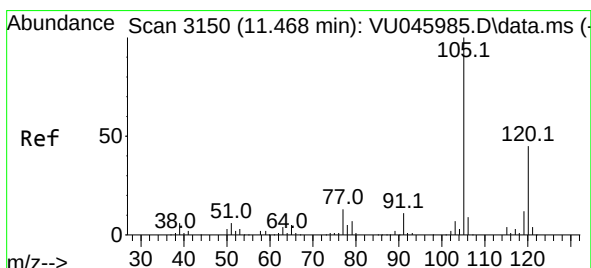
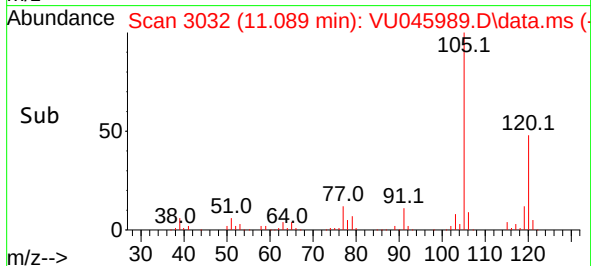
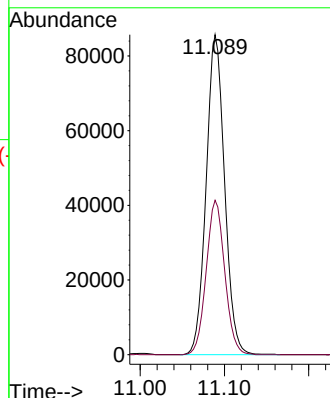
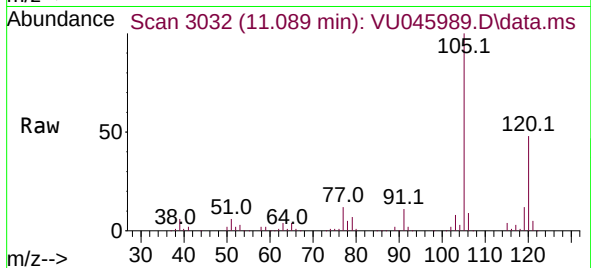
ClientSampleId :

Tgt Ion:105 Resp: 130387

Ion Ratio Lower Upper

105 100

120 48.5 38.3 57.5



#63

1,2,4-Trimethylbenzene

Concen: 5.250 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. 0.000 min

Lab File: VU045989.D

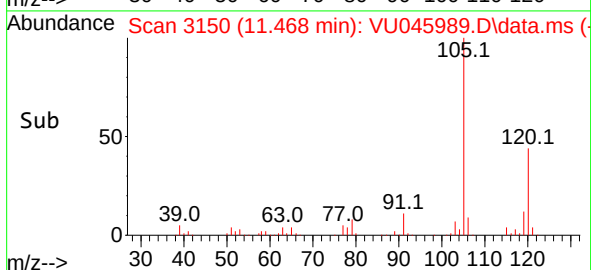
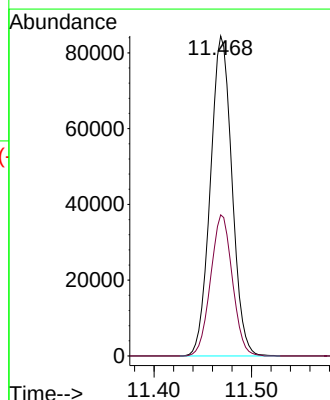
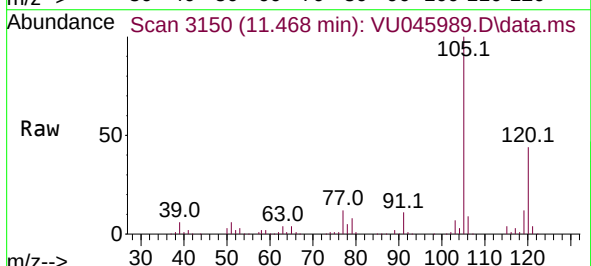
Acq: 24 Nov 2021 13:03

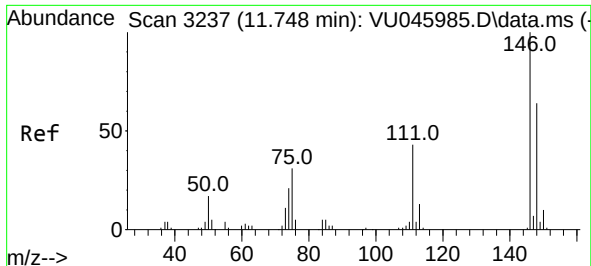
Tgt Ion:105 Resp: 130299

Ion Ratio Lower Upper

105 100

120 44.3 35.8 53.8

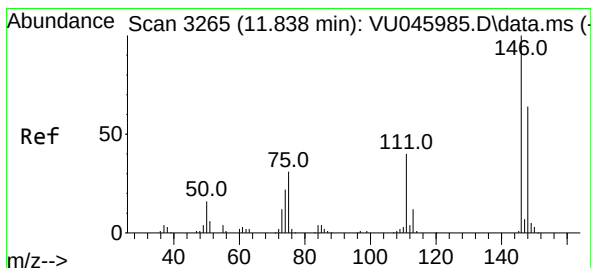
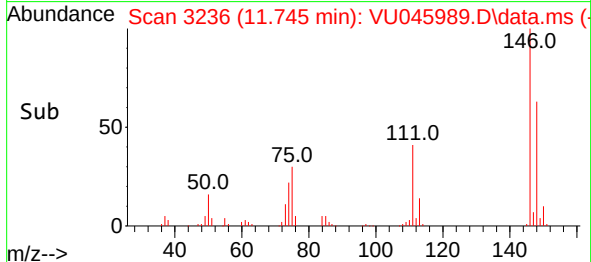
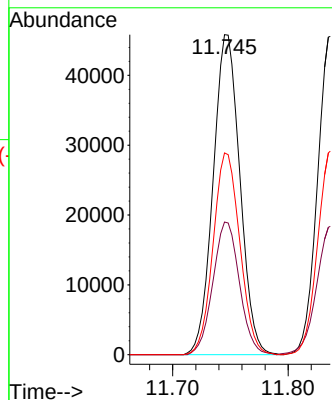
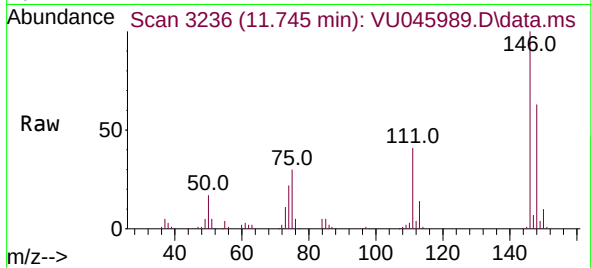




#64
1,3-Dichlorobenzene
Concen: 5.219 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

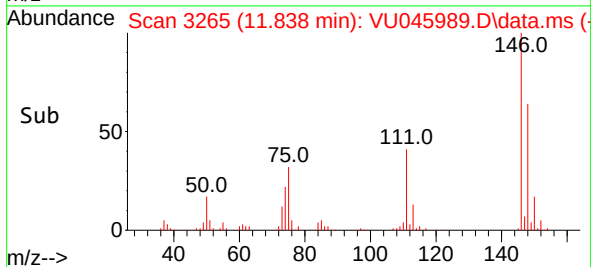
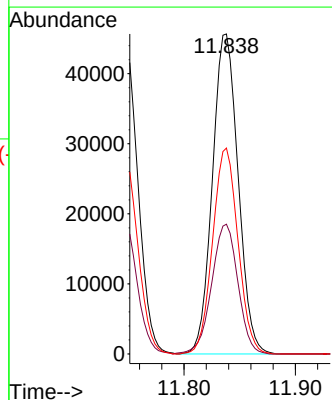
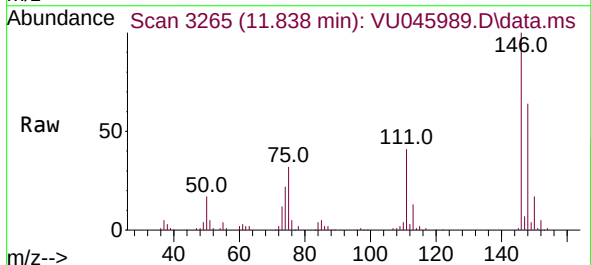
Instrument :
MSVOA_U
ClientSampleId :

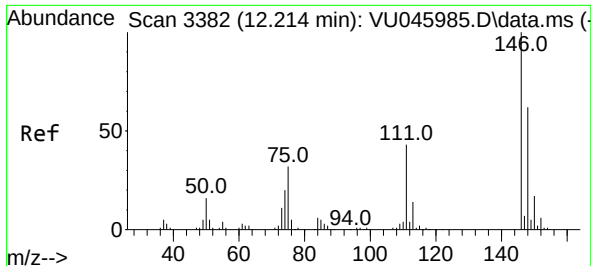
Tgt Ion:146 Resp: 73755
Ion Ratio Lower Upper
146 100
111 41.5 29.9 55.5
148 63.0 44.3 82.3



#65
1,4-Dichlorobenzene
Concen: 5.106 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Tgt Ion:146 Resp: 73304
Ion Ratio Lower Upper
146 100
111 40.6 28.7 53.3
148 64.4 45.8 85.0





#67

1,2-Dichlorobenzene

Concen: 5.375 ug/L

RT: 12.214 min Scan# 3382

Delta R.T. 0.000 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

Instrument :

MSVOA_U

ClientSampleId :

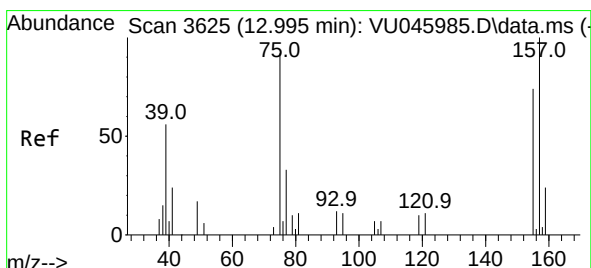
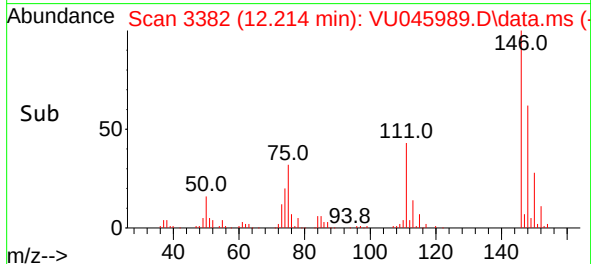
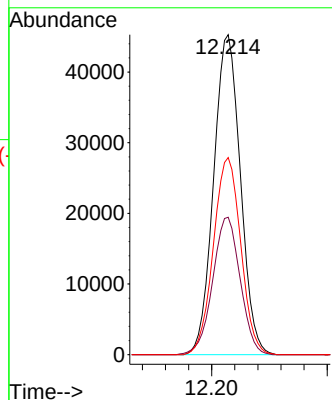
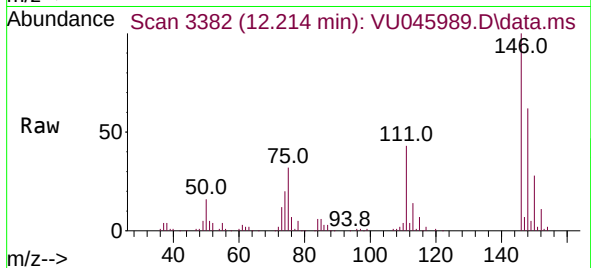
Tgt Ion:146 Resp: 72839

Ion Ratio Lower Upper

146 100

111 43.0 35.4 53.0

148 61.6 51.1 76.7



#68

1,2-Dibromo-3-chloropropane

Concen: 5.221 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.003 min

Lab File: VU045989.D

Acq: 24 Nov 2021 13:03

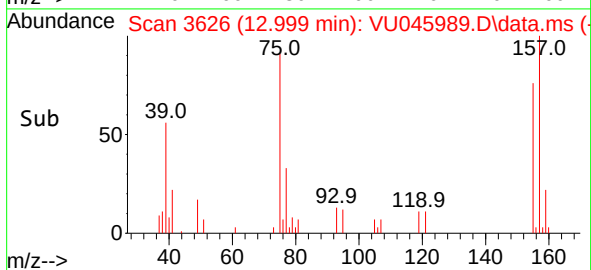
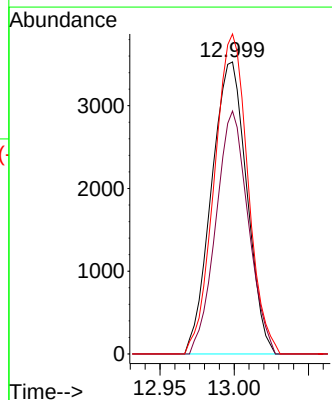
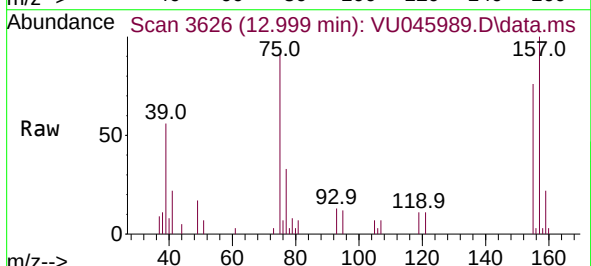
Tgt Ion: 75 Resp: 5819

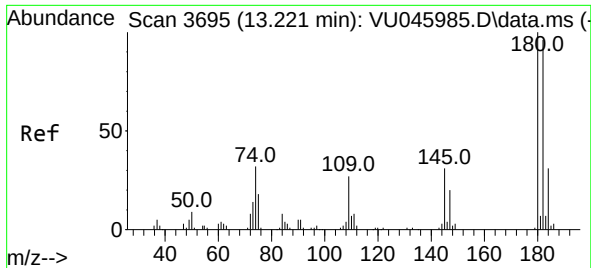
Ion Ratio Lower Upper

75 100

155 83.2 59.2 88.8

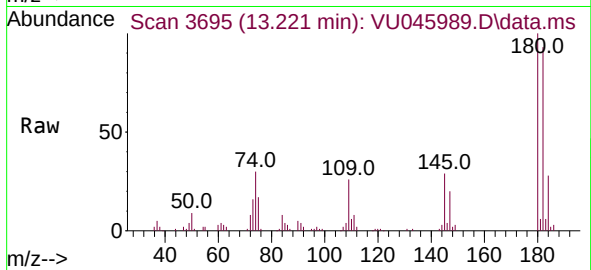
157 109.6 76.5 114.7



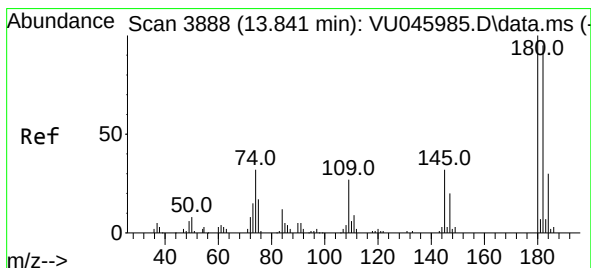
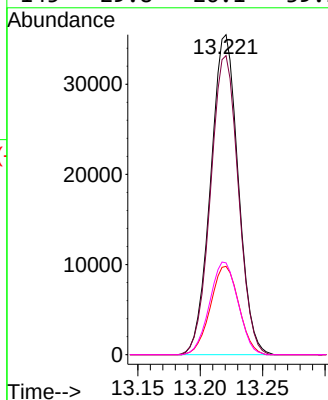
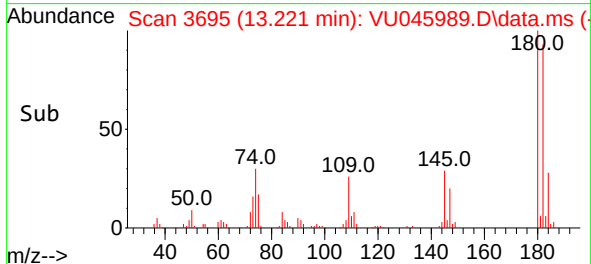


#69
 1,3,5-Trichlorobenzene
 Concen: 5.171 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU045989.D
 Acq: 24 Nov 2021 13:03

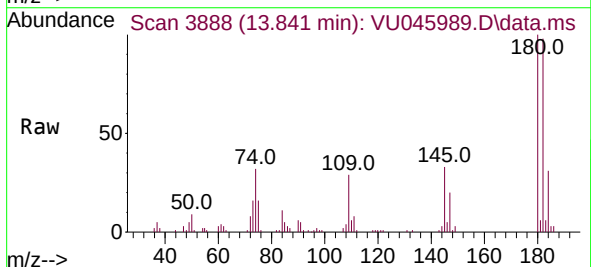
Instrument :
 MSVOA_U
 ClientSampleId :



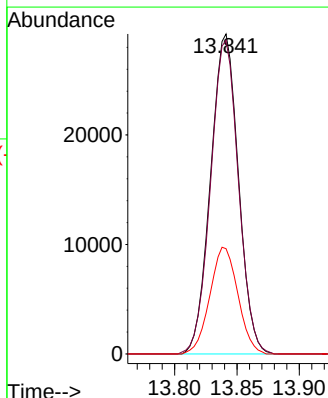
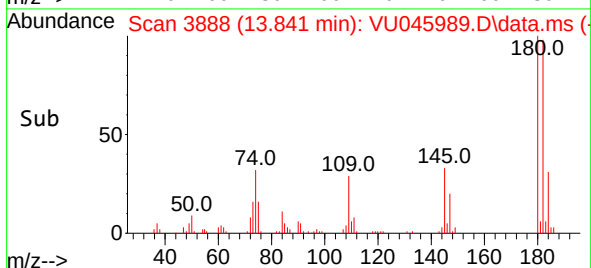
Tgt Ion:180 Resp: 54667
 Ion Ratio Lower Upper
 180 100
 182 94.1 76.1 114.1
 184 28.5 25.0 37.4
 145 29.8 26.1 39.1

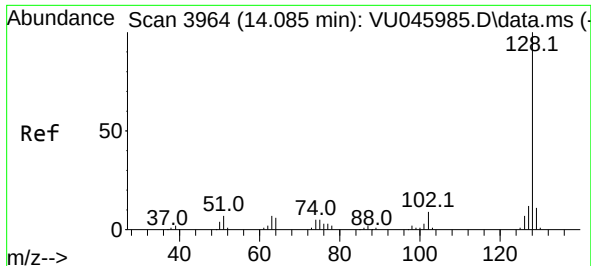


#70
 1,2,4-trichlorobenzene
 Concen: 5.079 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU045989.D
 Acq: 24 Nov 2021 13:03



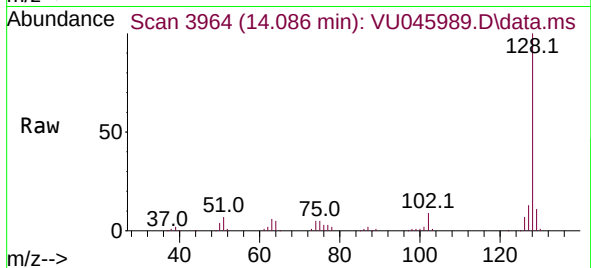
Tgt Ion:180 Resp: 45437
 Ion Ratio Lower Upper
 180 100
 182 98.0 76.4 114.6
 145 33.6 25.6 38.4



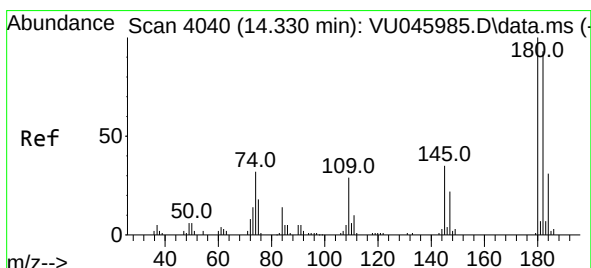
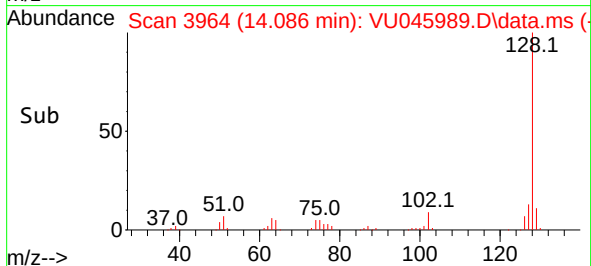
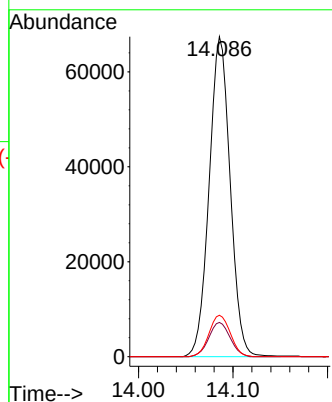


#71
Naphthalene
Concen: 5.664 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion:128 Resp: 104112
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.1 10.2 15.2



#72
1,2,3-Trichlorobenzene
Concen: 5.301 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU045989.D
Acq: 24 Nov 2021 13:03

Tgt Ion:180 Resp: 47191
Ion Ratio Lower Upper
180 100
182 96.5 76.2 114.4
145 33.7 28.4 42.6

