

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U072822\
 Data File : U049985.D
 Acq On : 28 Jul 2022 14:40
 Operator : SY/MD
 Sample : N3873-03MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27MSD

Quant Time: Jul 29 02:36:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	69817	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	67300	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	28843	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	30634	5.110	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 102.200%		
7) Chloroethane-d5	1.909	69	23245	5.399	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 108.000%		
11) 1,1-Dichloroethene-d2	2.565	65	10648	5.154	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 103.000%		
20) 2-Butanone-d5	4.620	46	98855	74.082	ug/L	-0.04
Spiked Amount	50.000	Range 40 - 130	Recovery	= 148.160%#		
24) Chloroform-d	5.063	84	52269	5.269	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 105.400%		
26) 1,2-Dichloroethane-d4	5.703	65	29298	5.861	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 117.200%		
32) Benzene-d6	5.729	84	102630	5.161	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 103.200%		
36) 1,2-Dichloropropane-d6	6.690	67	34508	5.297	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 106.000%		
41) Toluene-d8	7.899	98	91613	5.183	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 103.600%		
43) trans-1,3-Dichloroprop...	8.179	79	13254	5.805	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 116.000%		
46) 2-Hexanone-d5	8.632	63	60593	70.887	ug/L	-0.01
Spiked Amount	50.000	Range 45 - 130	Recovery	= 141.780%#		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	36725	6.709	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 134.200%#		
66) 1,2-Dichlorobenzene-d4	12.192	152	30024	5.612	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 112.200%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.385	85	31107	5.773	ug/L	100
3) Chloromethane	1.523	50	31022	4.859	ug/L	98
5) Vinyl chloride	1.604	62	32540	5.422	ug/L	99
6) Bromomethane	1.851	94	17421	5.245	ug/L	100
8) Chloroethane	1.928	64	20919	6.148	ug/L	99
9) Trichlorofluoromethane	2.134	101	39266	5.555	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.578	101	23515	5.651	ug/L	99
12) 1,1-Dichloroethene	2.578	96	63846	16.570	ug/L #	78
13) Acetone	2.623	43	56003	59.709	ug/L	99
14) Carbon disulfide	2.790	76	56005	4.785	ug/L	100
15) Methyl Acetate	2.948	43	13378	6.875	ug/L	100
16) Methylene chloride	3.044	84	26997	4.557	ug/L	97
17) Methyl tert-butyl Ether	3.362	73	62310	5.785	ug/L	96
18) trans-1,2-Dichloroethene	3.353	96	21336	5.038	ug/L	98
19) 1,1-Dichloroethane	3.867	63	118921	13.688	ug/L	99
21) 2-Butanone	4.700	43	95468	70.670	ug/L	100
22) cis-1,2-Dichloroethene	4.668	96	26603	5.255	ug/L	97
23) Bromochloromethane	4.973	128	13162	5.677	ug/L	97
25) Chloroform	5.089	83	47509	4.879	ug/L	97

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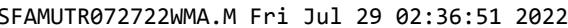
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 ClientSampleId :
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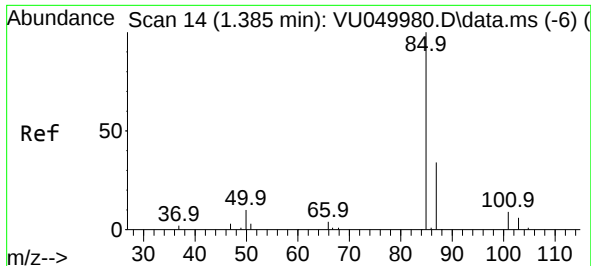
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 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Jul 29 02:27:55 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	31767	5.846	ug/L	98
29) 1,1,1-Trichloroethane	5.317	97	53383	7.470	ug/L	100
30) Cyclohexane	5.388	56	34209	5.671	ug/L	99
31) Carbon tetrachloride	5.526	117	31240	5.381	ug/L	99
33) Benzene	5.774	78	103184	5.253	ug/L	100
34) Trichloroethene	6.542	95	24343	5.098	ug/L	98
35) Methylcyclohexane	6.764	83	34950	5.550	ug/L	98
37) 1,2-Dichloropropane	6.790	63	28652	5.293	ug/L	99
38) Bromodichloromethane	7.105	83	34520	5.271	ug/L	98
39) cis-1,3-Dichloropropene	7.607	75	36029	5.143	ug/L	98
40) 4-Methyl-2-pentanone	7.790	43	214864	68.695	ug/L	100
42) Toluene	7.970	91	105574	5.286	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	32177	5.470	ug/L	95
45) 1,1,2-Trichloroethane	8.401	97	24751	6.119	ug/L	97
47) Tetrachloroethene	8.555	164	17249	5.020	ug/L	97
48) 2-Hexanone	8.684	43	171305	71.847	ug/L	98
49) Dibromochloromethane	8.809	129	26202	5.920	ug/L	97
50) 1,2-Dibromoethane	8.925	107	22464	6.255	ug/L	98
51) Chlorobenzene	9.446	112	65692	5.181	ug/L	100
52) Ethylbenzene	9.571	91	96156	4.915	ug/L	100
53) m,p-Xylene	9.693	106	36085	4.843	ug/L	97
54) o-Xylene	10.102	106	35055	4.853	ug/L	94
55) Styrene	10.115	104	58738	4.774	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	34487	6.550	ug/L	96
59) Bromoform	10.291	173	15880	6.850	ug/L	98
60) Isopropylbenzene	10.484	105	90411	5.306	ug/L	99
61) 1,2,3-Trichloropropane	10.822	75	23830	7.114	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	68027	4.914	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	64112	4.779	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	40707	4.989	ug/L	96
65) 1,4-Dichlorobenzene	11.838	146	43130	5.343	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	43174	5.326	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	5367	8.111	ug/L	91
69) 1,3,5-Trichlorobenzene	13.220	180	26693	4.538	ug/L	97
70) 1,2,4-trichlorobenzene	13.841	180	19271	4.107	ug/L	98
71) Naphthalene	14.089	128	45491	4.889	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	22405	4.811	ug/L	98

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

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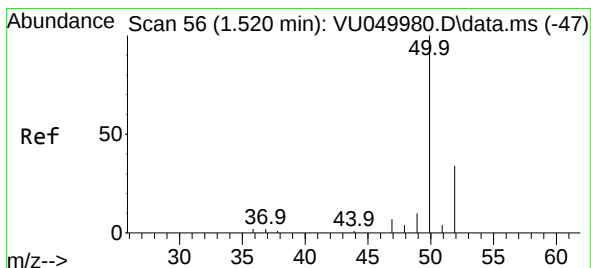
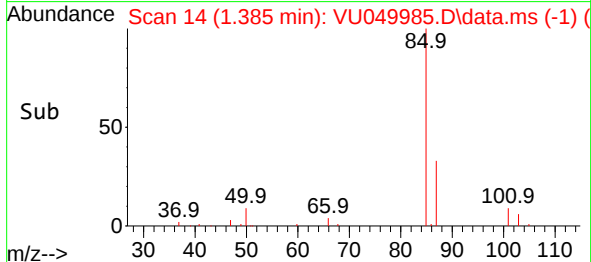
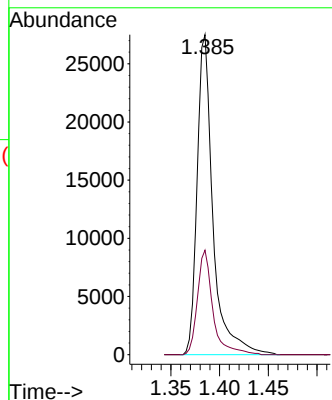
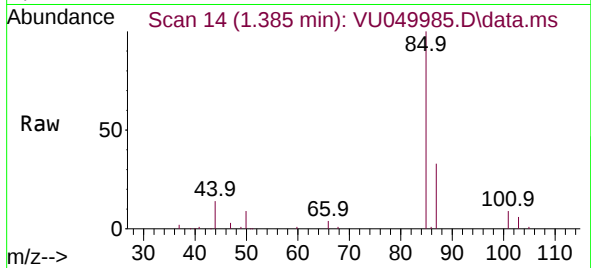




#2
Dichlorodifluoromethane
Concen: 5.773 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

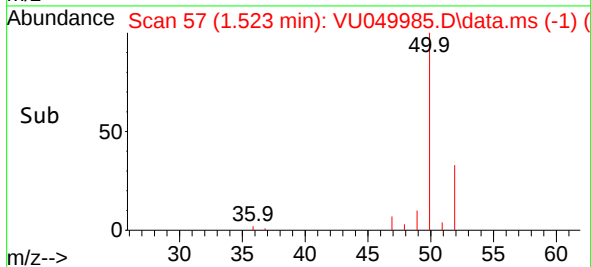
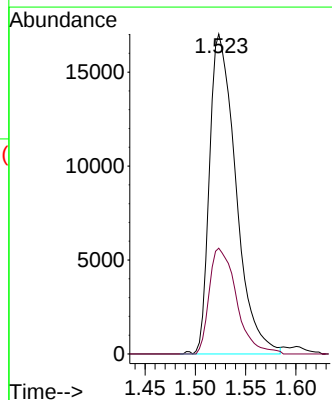
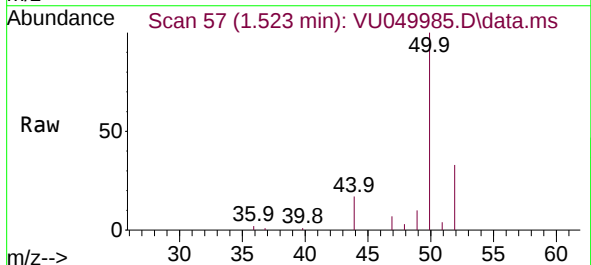
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ClientSampleId :
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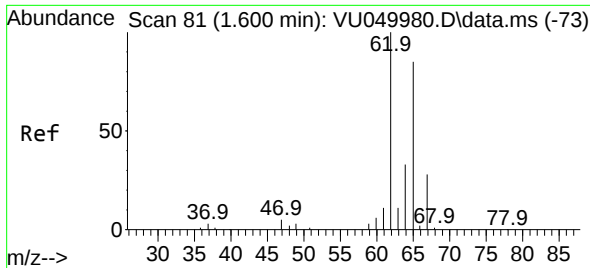
Tgt Ion: 85 Resp: 31107
Ion Ratio Lower Upper
85 100
87 31.9 25.7 38.5



#3
Chloromethane
Concen: 4.859 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion: 50 Resp: 31022
Ion Ratio Lower Upper
50 100
52 33.1 22.4 41.6

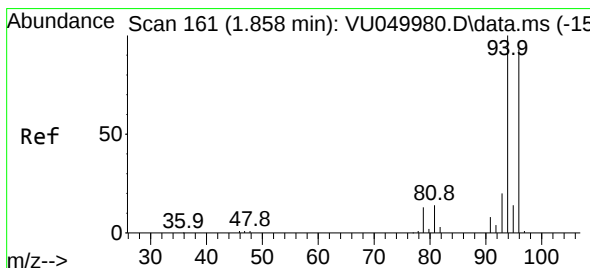
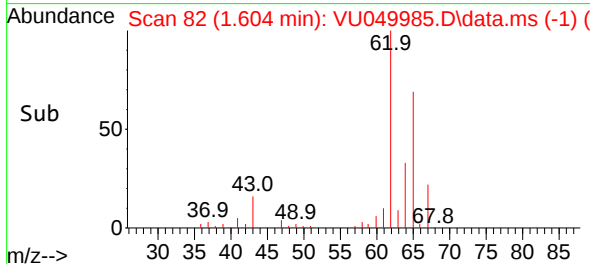
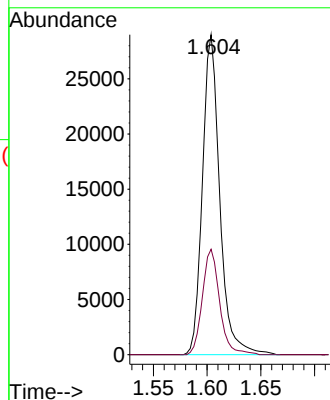
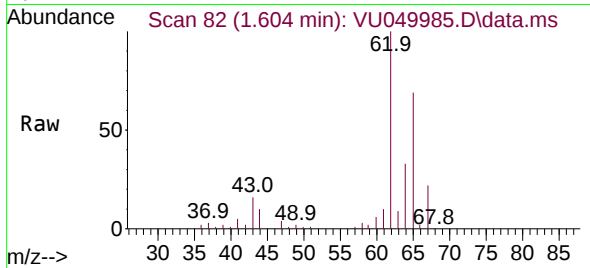




#5
 Vinyl chloride
 Concen: 5.422 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU049985.D
 Acq: 28 Jul 2022 14:40

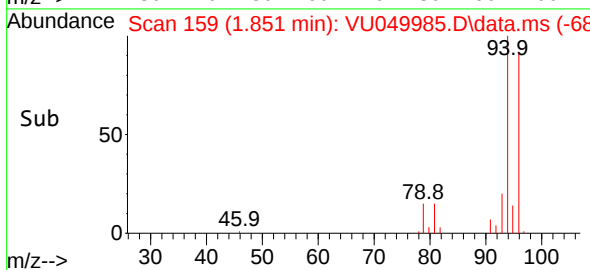
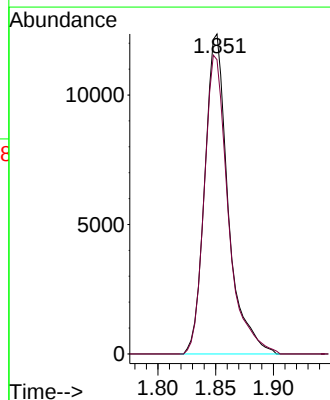
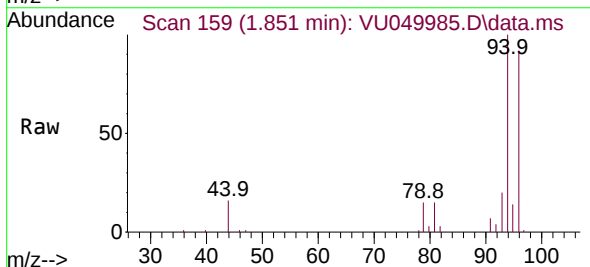
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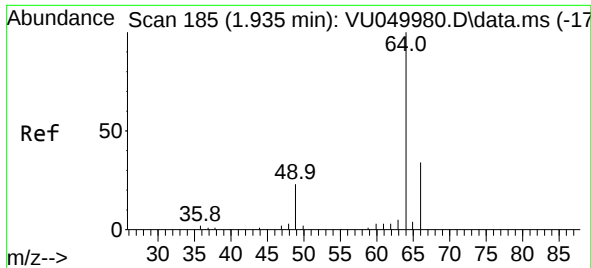
Tgt Ion: 62 Resp: 32540
 Ion Ratio Lower Upper
 62 100
 64 33.0 22.5 41.9



#6
 Bromomethane
 Concen: 5.245 ug/L
 RT: 1.851 min Scan# 159
 Delta R.T. -0.006 min
 Lab File: VU049985.D
 Acq: 28 Jul 2022 14:40

Tgt Ion: 94 Resp: 17421
 Ion Ratio Lower Upper
 94 100
 96 92.0 64.5 119.9

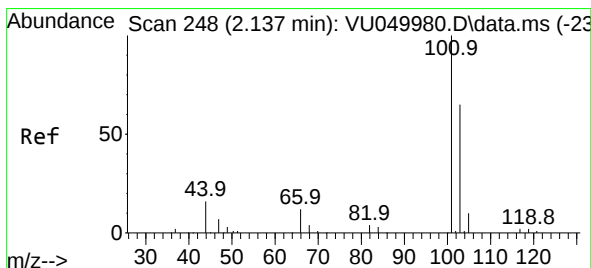
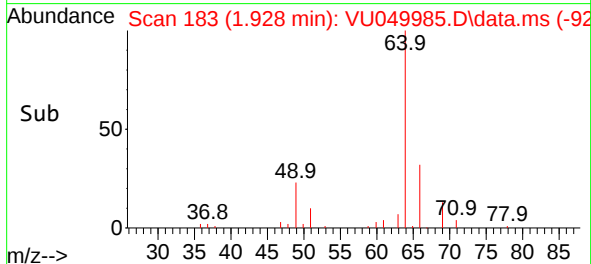
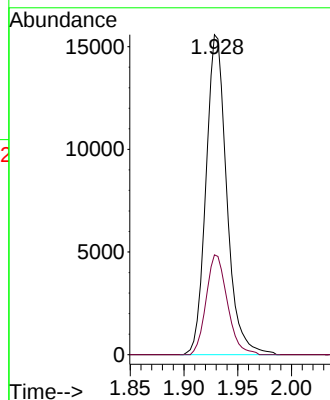
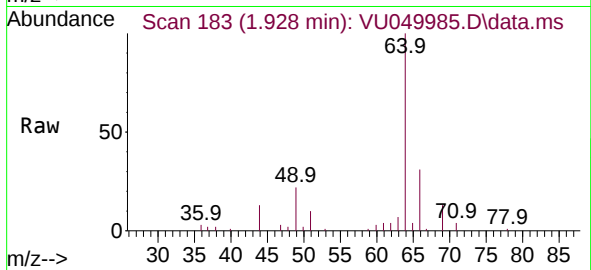




#8
Chloroethane
Concen: 6.148 ug/L
RT: 1.928 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

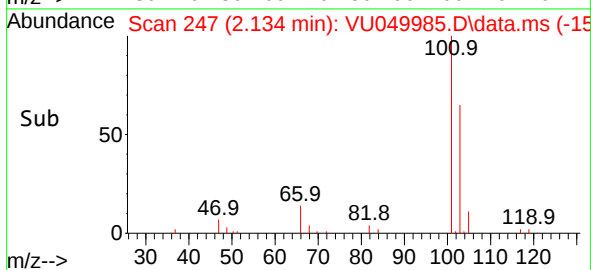
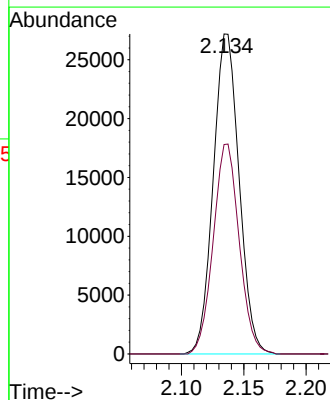
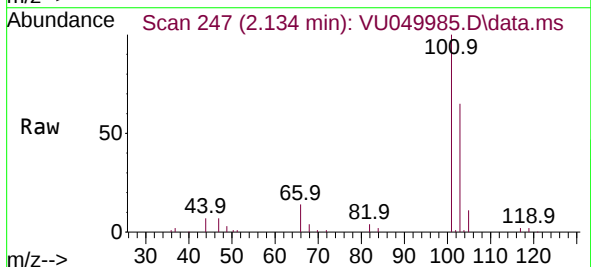
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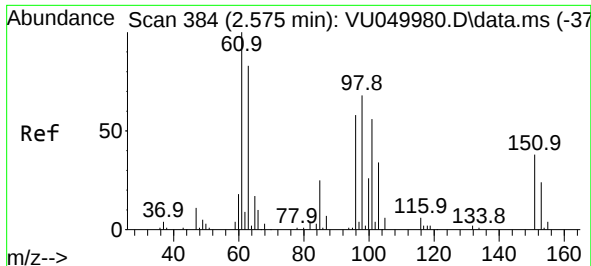
Tgt Ion: 64 Resp: 20919
Ion Ratio Lower Upper
64 100
66 31.2 21.4 39.8



#9
Trichlorofluoromethane
Concen: 5.555 ug/L
RT: 2.134 min Scan# 247
Delta R.T. -0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion: 101 Resp: 39266
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.6

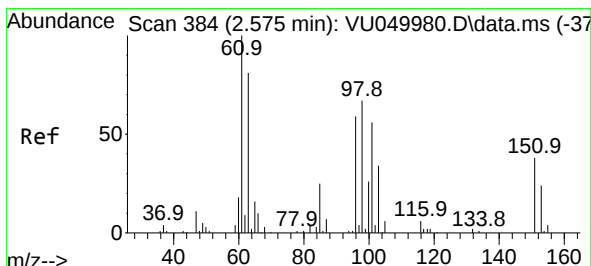
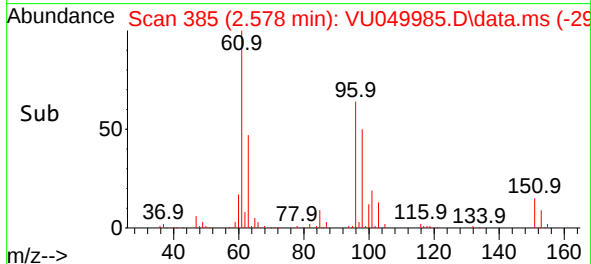
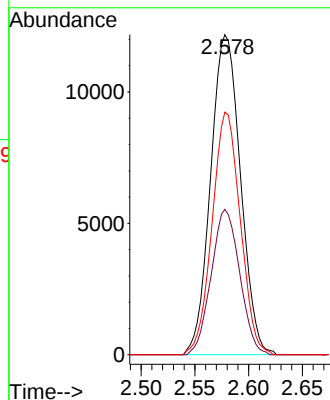
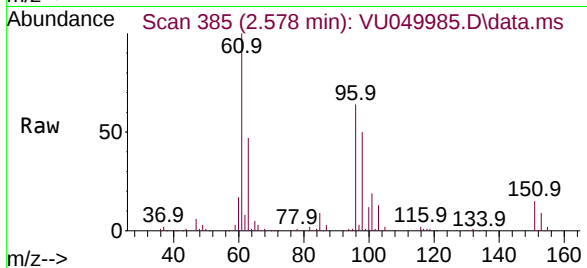




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 5.651 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

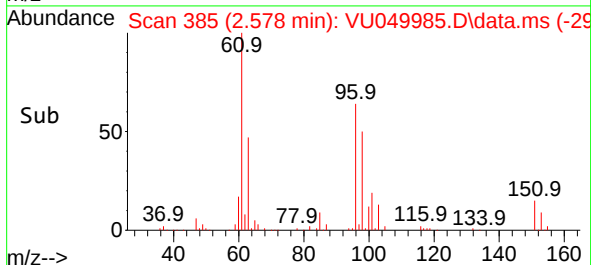
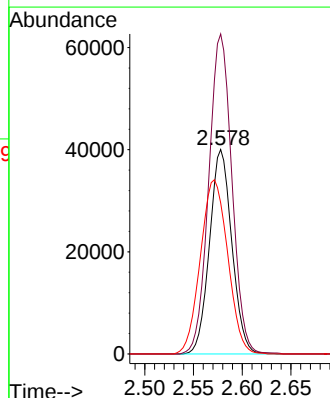
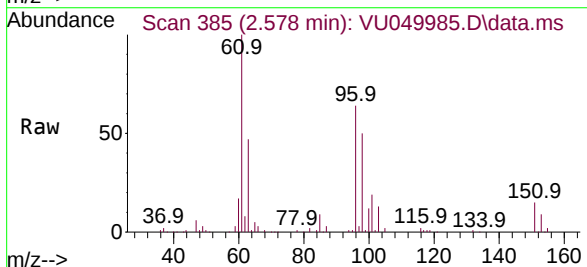
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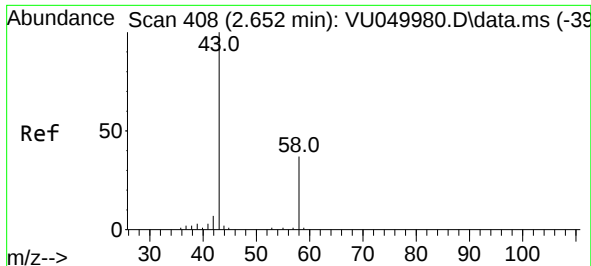
Tgt Ion:101 Resp: 23515
Ion Ratio Lower Upper
101 100
85 43.3 34.1 51.1
151 71.5 56.6 85.0



#12
1,1-Dichloroethene
Concen: 16.570 ug/L
RT: 2.578 min Scan# 385
Delta R.T. 0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion: 96 Resp: 63846
Ion Ratio Lower Upper
96 100
61 156.4 115.7 214.9
63 73.9 84.8 157.4#





#13

Acetone

Concen: 59.709 ug/L

RT: 2.623 min Scan# 399

Delta R.T. -0.029 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

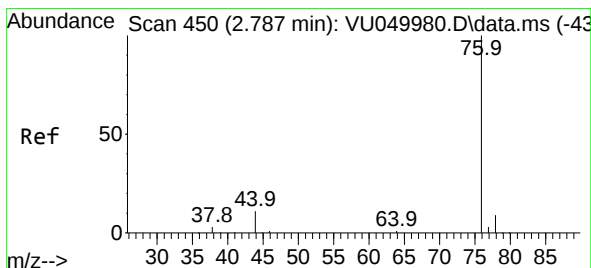
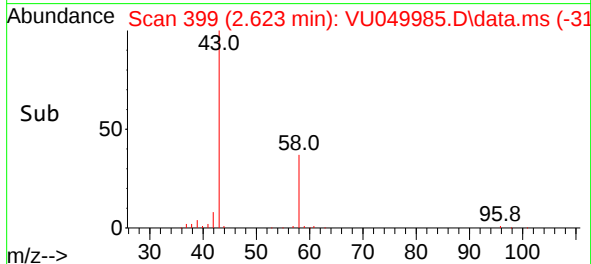
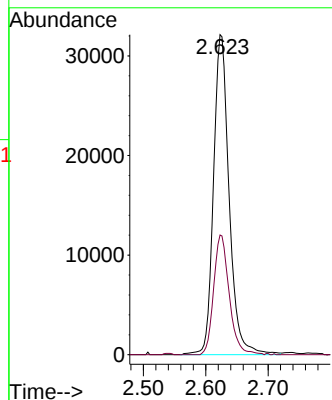
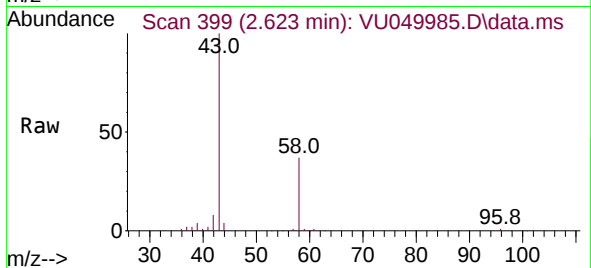
GBJ27MSD

Tgt Ion: 43 Resp: 56003

Ion Ratio Lower Upper

43 100

58 37.1 0.0 73.0



#14

Carbon disulfide

Concen: 4.785 ug/L

RT: 2.790 min Scan# 451

Delta R.T. 0.003 min

Lab File: VU049985.D

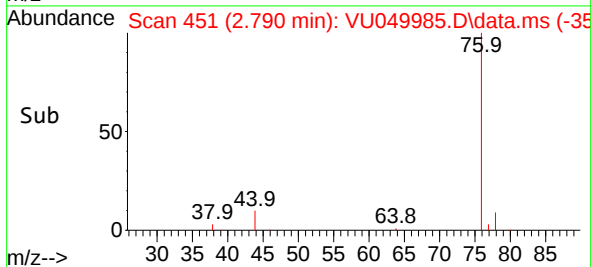
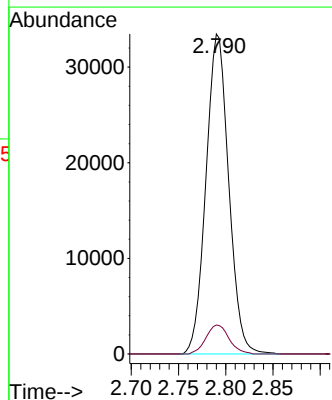
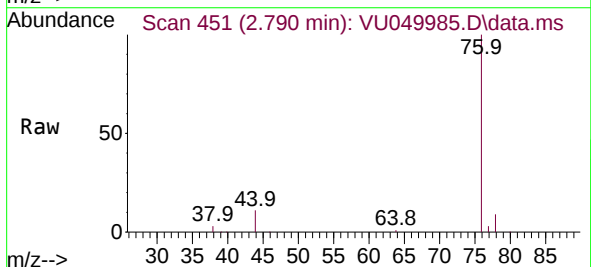
Acq: 28 Jul 2022 14:40

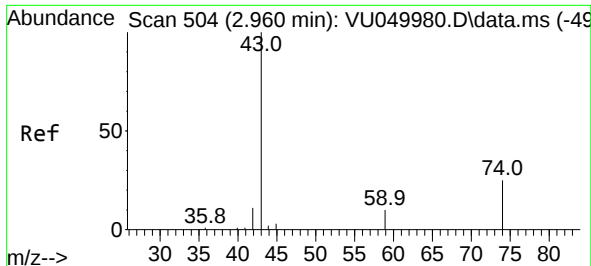
Tgt Ion: 76 Resp: 56005

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0

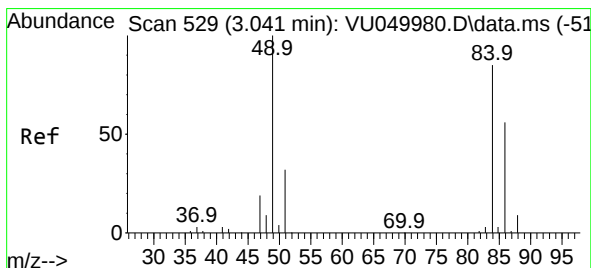
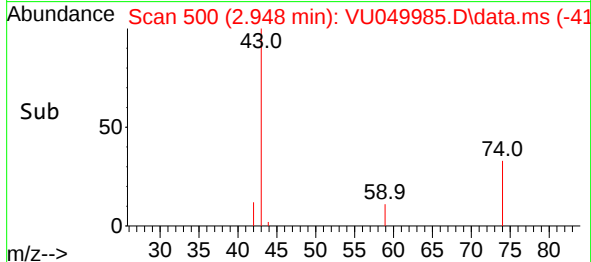
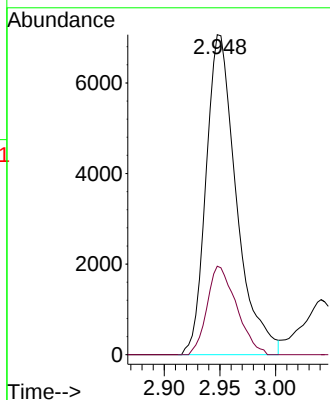
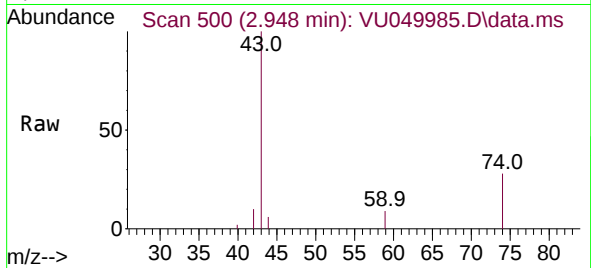




#15
Methyl Acetate
Concen: 6.875 ug/L
RT: 2.948 min Scan# 504
Delta R.T. -0.013 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

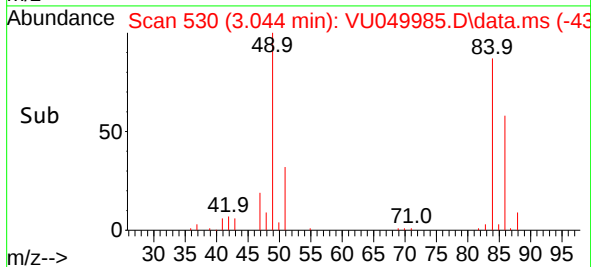
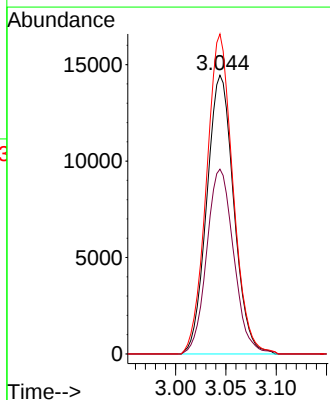
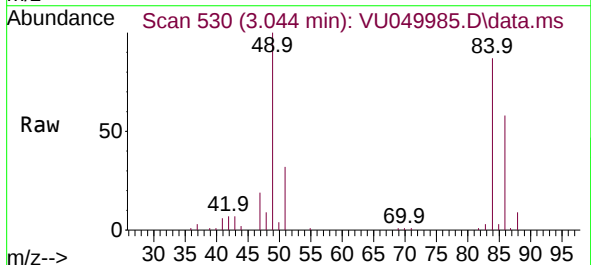
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

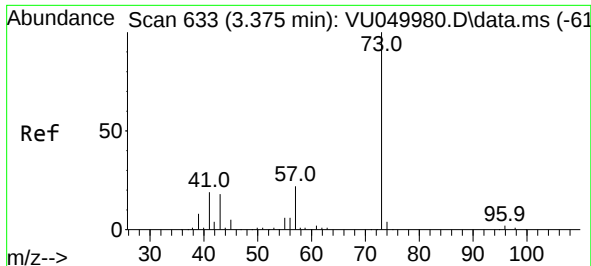
Tgt Ion: 43 Resp: 13378
Ion Ratio Lower Upper
43 100
74 26.8 21.6 32.4



#16
Methylene chloride
Concen: 4.557 ug/L
RT: 3.044 min Scan# 530
Delta R.T. 0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion: 84 Resp: 26997
Ion Ratio Lower Upper
84 100
86 66.3 45.2 84.0
49 114.8 77.6 144.0





#17

Methyl tert-butyl Ether

Concen: 5.785 ug/L

RT: 3.362 min Scan# 61

Delta R.T. -0.013 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MSD

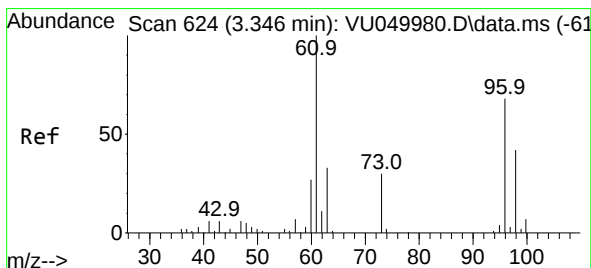
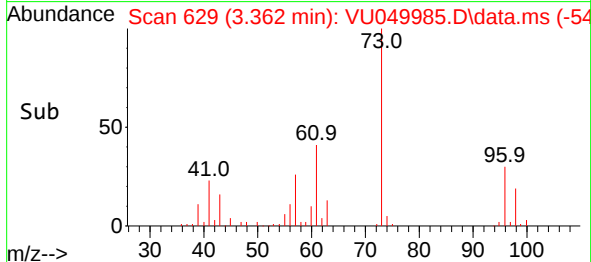
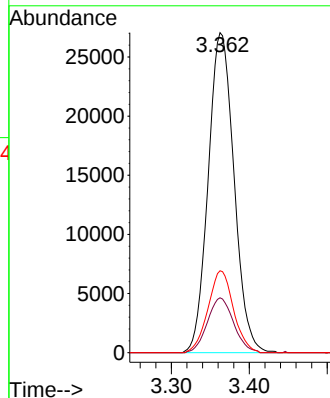
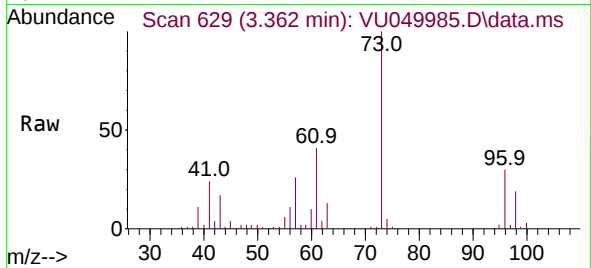
Tgt Ion: 73 Resp: 62310

Ion Ratio Lower Upper

73 100

43 17.4 13.8 20.6

57 25.3 17.9 26.9



#18

trans-1,2-Dichloroethene

Concen: 5.038 ug/L

RT: 3.353 min Scan# 626

Delta R.T. 0.006 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

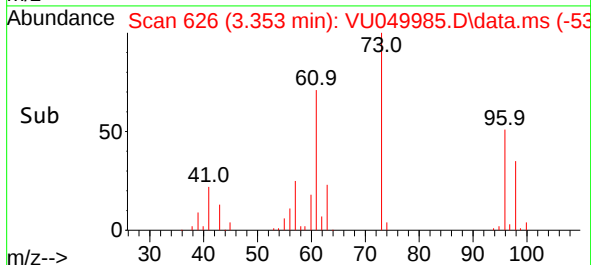
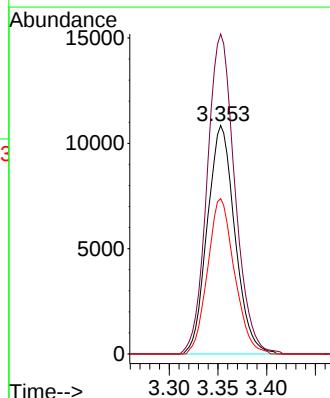
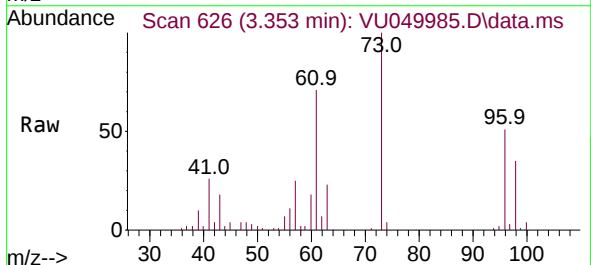
Tgt Ion: 96 Resp: 21336

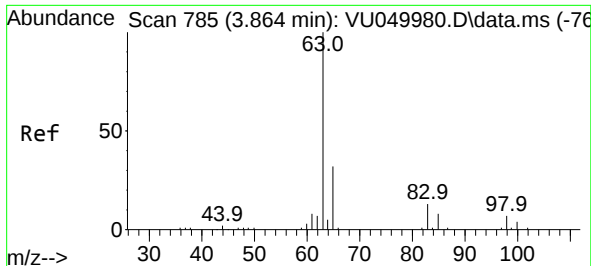
Ion Ratio Lower Upper

96 100

61 140.1 98.0 182.0

98 68.0 44.5 82.7





#19

1,1-Dichloroethane

Concen: 13.688 ug/L

RT: 3.867 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MSD

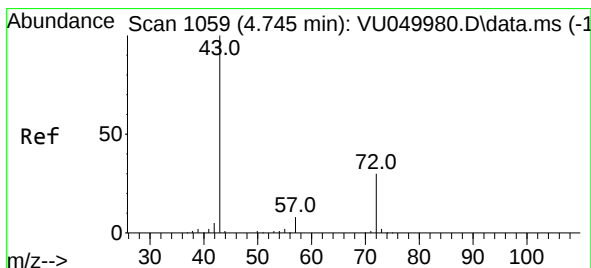
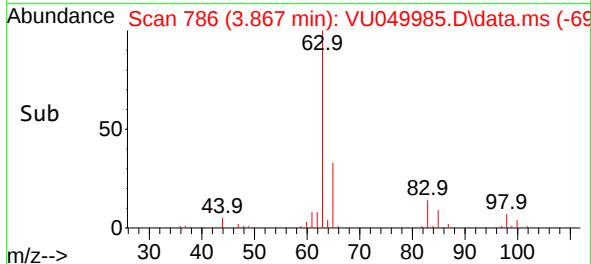
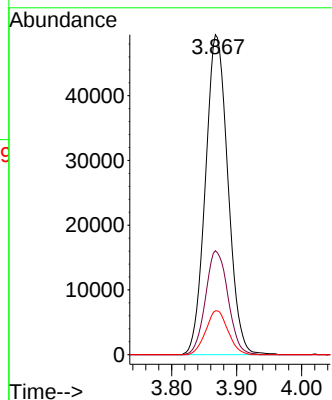
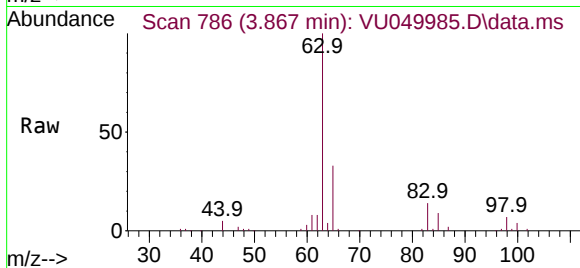
Tgt Ion: 63 Resp: 118921

Ion Ratio Lower Upper

63 100

65 32.5 23.4 43.6

83 13.7 9.4 17.4



#21

2-Butanone

Concen: 70.670 ug/L

RT: 4.700 min Scan# 1045

Delta R.T. -0.045 min

Lab File: VU049985.D

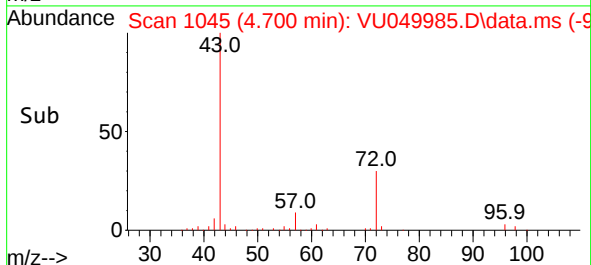
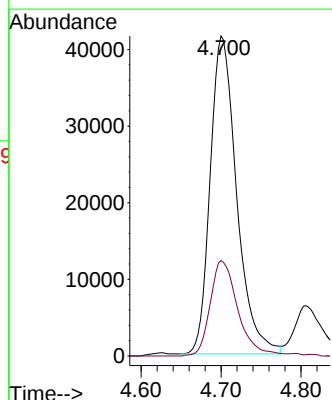
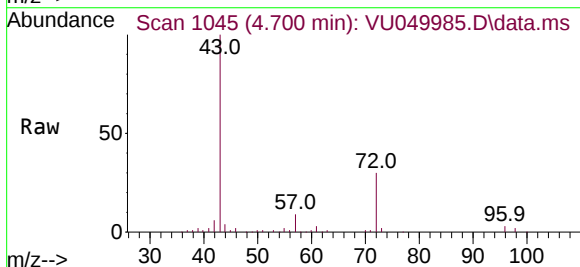
Acq: 28 Jul 2022 14:40

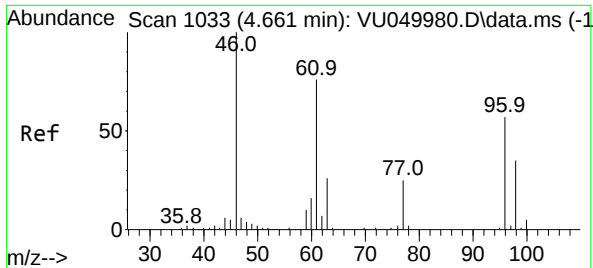
Tgt Ion: 43 Resp: 95468

Ion Ratio Lower Upper

43 100

72 31.3 15.8 47.3

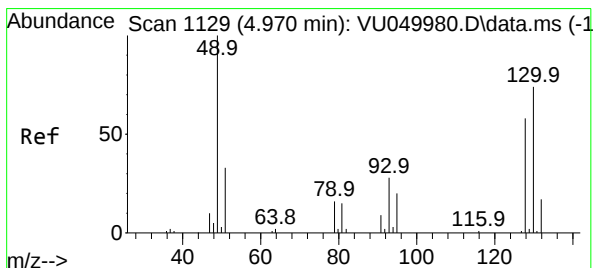
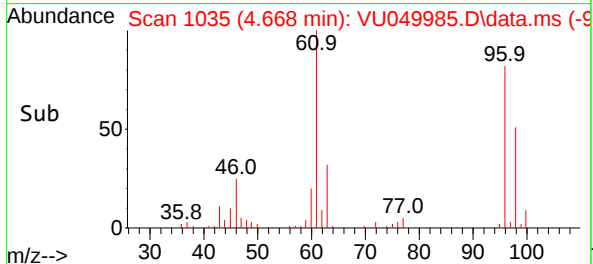
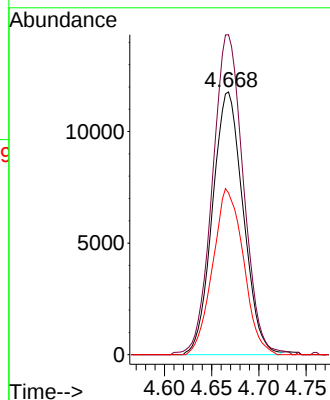
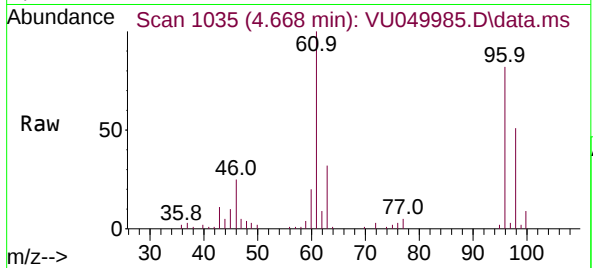




#22
cis-1,2-Dichloroethene
Concen: 5.255 ug/L
RT: 4.668 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

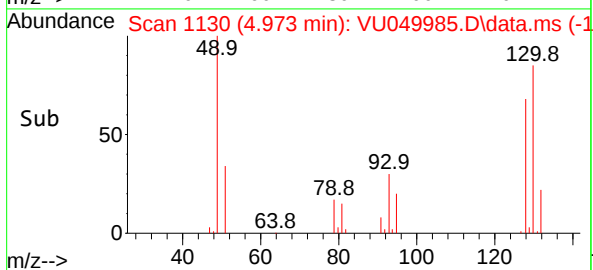
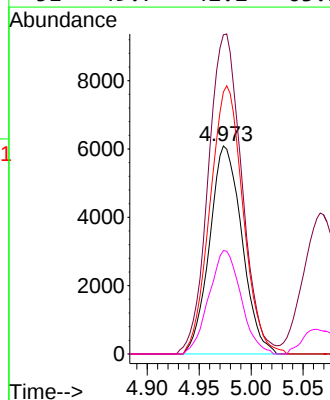
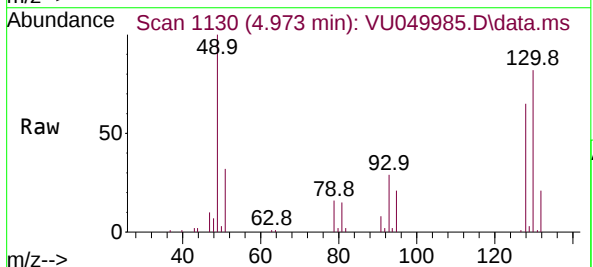
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

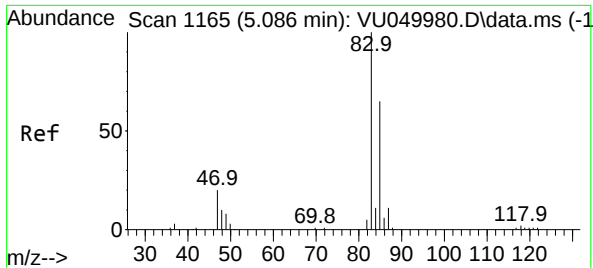
Tgt Ion: 96 Resp: 26603
Ion Ratio Lower Upper
96 100
61 121.8 87.2 161.9
98 61.6 44.7 83.1



#23
Bromochloromethane
Concen: 5.677 ug/L
RT: 4.973 min Scan# 1130
Delta R.T. 0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion: 128 Resp: 13162
Ion Ratio Lower Upper
128 100
49 153.5 111.4 207.0
130 126.0 88.7 164.7
51 49.7 42.2 63.2

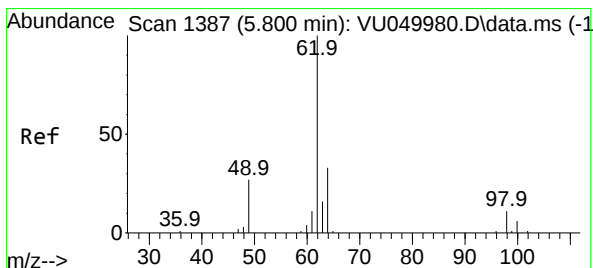
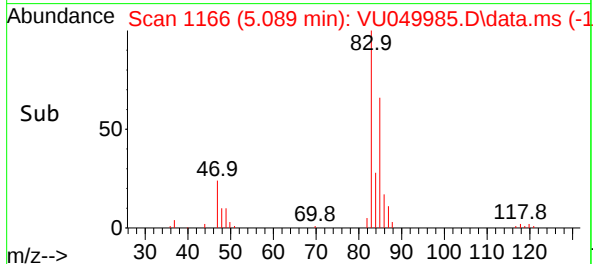
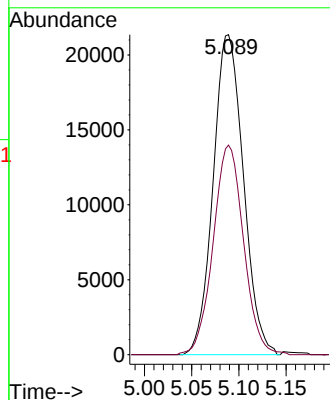
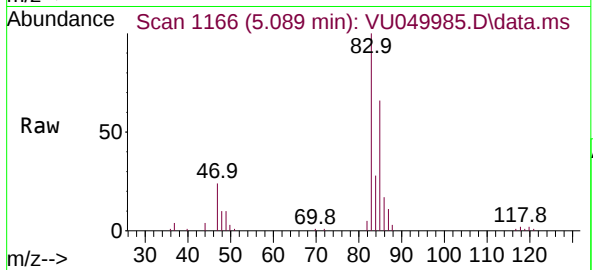




#25
Chloroform
Concen: 4.879 ug/L
RT: 5.089 min Scan# 1165
Delta R.T. 0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

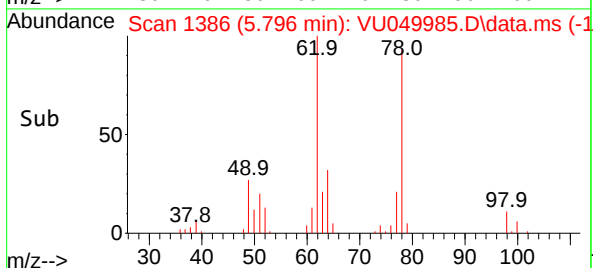
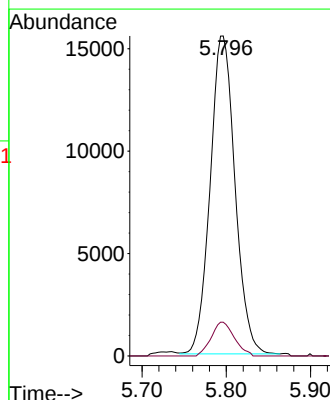
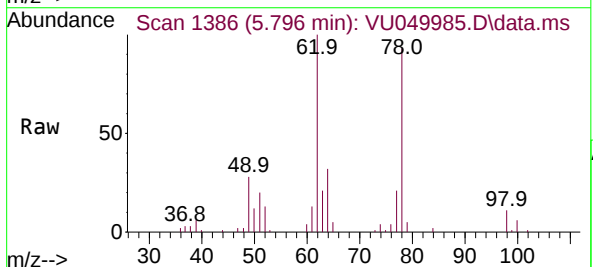
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

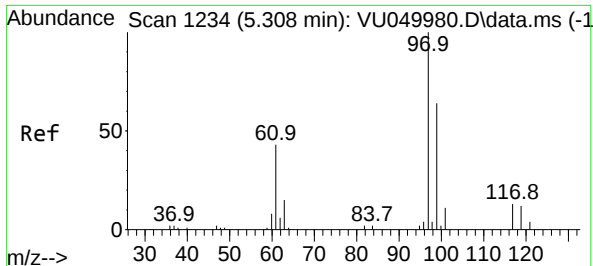
Tgt Ion: 83 Resp: 47509
Ion Ratio Lower Upper
83 100
85 65.5 44.4 82.4



#27
1,2-Dichloroethane
Concen: 5.846 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion: 62 Resp: 31767
Ion Ratio Lower Upper
62 100
98 10.6 7.9 11.9





#29

1,1,1-Trichloroethane

Concen: 7.470 ug/L

RT: 5.317 min Scan# 11

Delta R.T. 0.010 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MSD

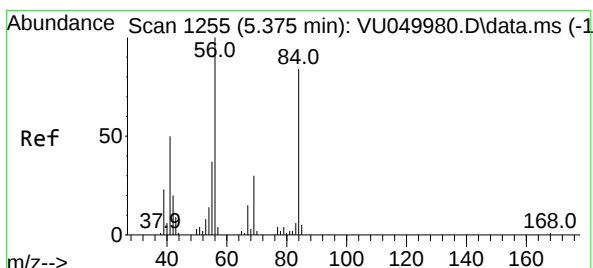
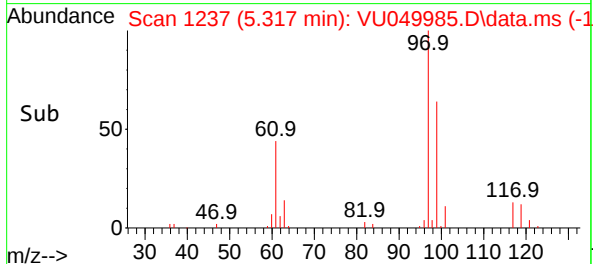
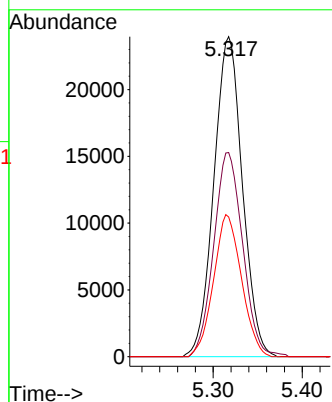
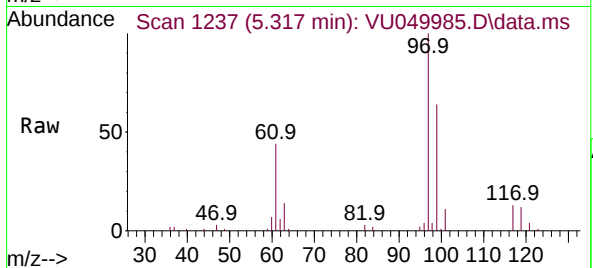
Tgt Ion: 97 Resp: 53383

Ion Ratio Lower Upper

97 100

99 64.7 52.0 78.0

61 43.5 35.0 52.6



#30

Cyclohexane

Concen: 5.671 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. 0.013 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

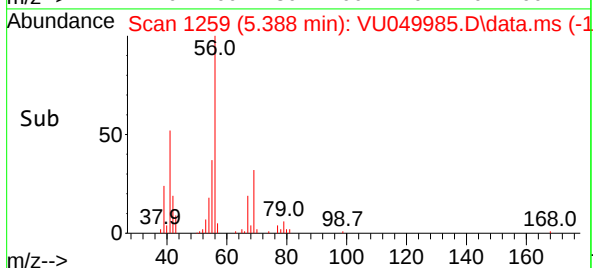
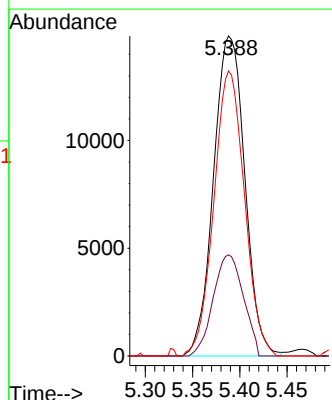
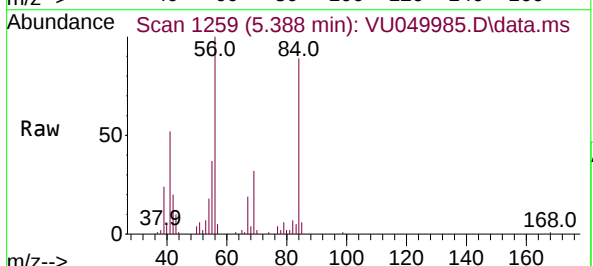
Tgt Ion: 56 Resp: 34209

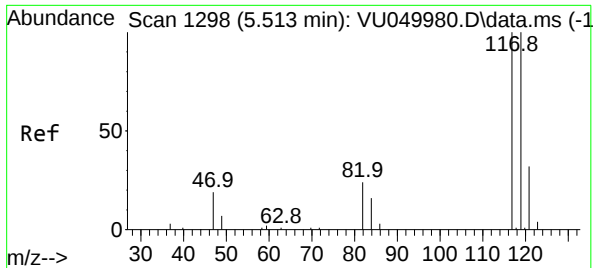
Ion Ratio Lower Upper

56 100

69 30.5 25.1 37.7

84 87.1 70.1 105.1

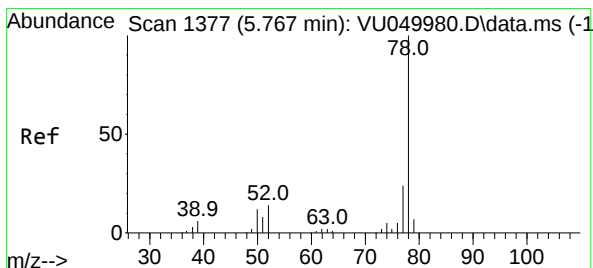
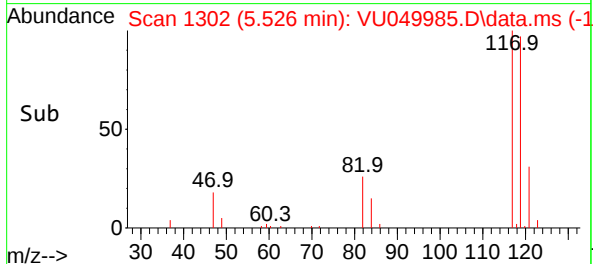
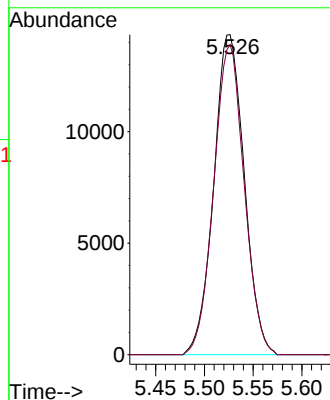
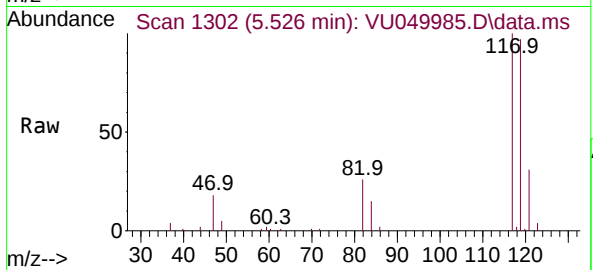




#31
Carbon tetrachloride
Concen: 5.381 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.013 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

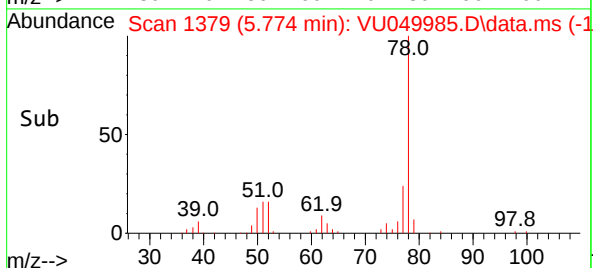
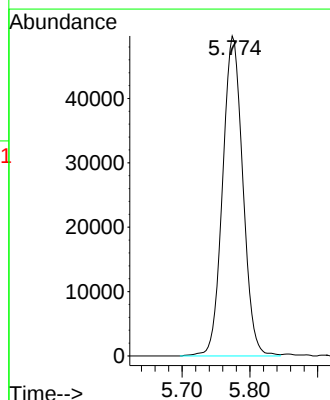
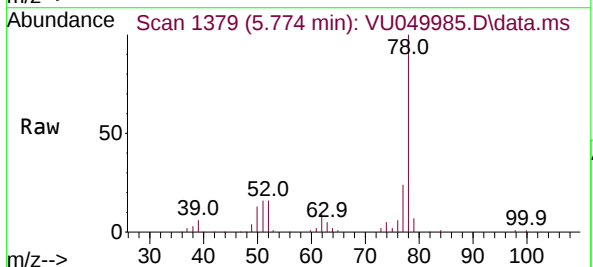
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

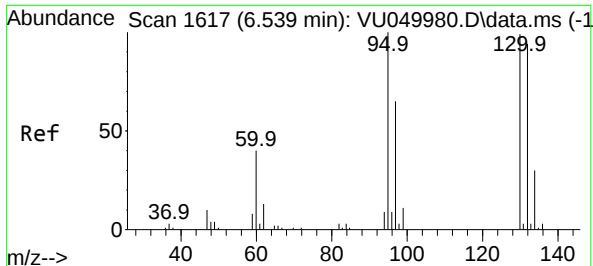
Tgt Ion:117 Resp: 31240
Ion Ratio Lower Upper
117 100
119 96.3 77.8 116.6



#33
Benzene
Concen: 5.253 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. 0.006 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion: 78 Resp: 103184

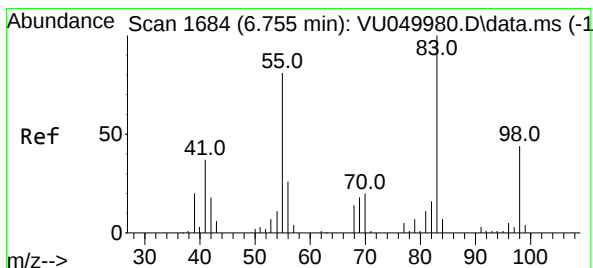
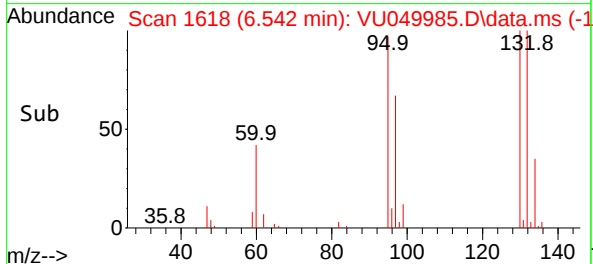
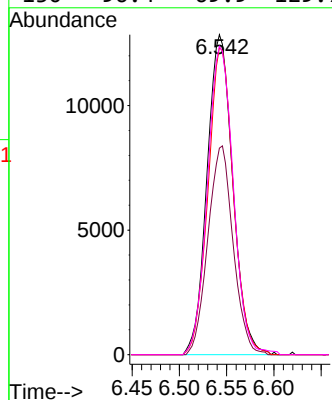
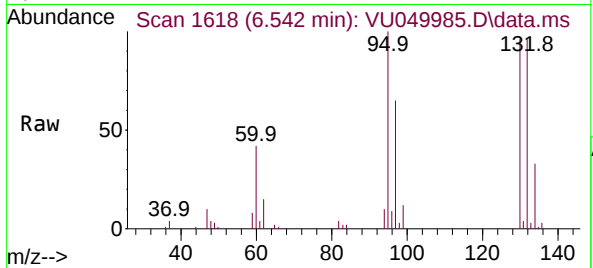




#34
Trichloroethene
Concen: 5.098 ug/L
RT: 6.542 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

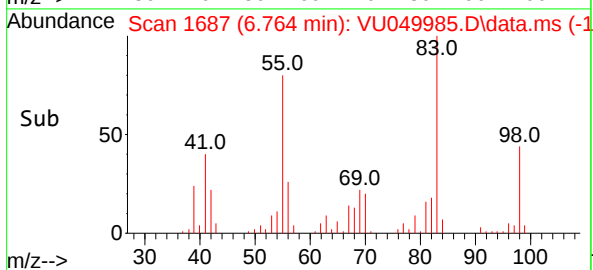
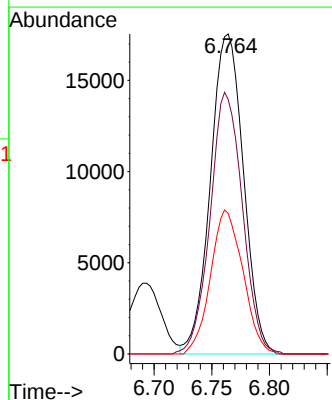
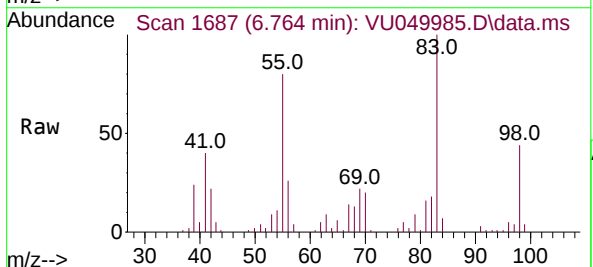
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

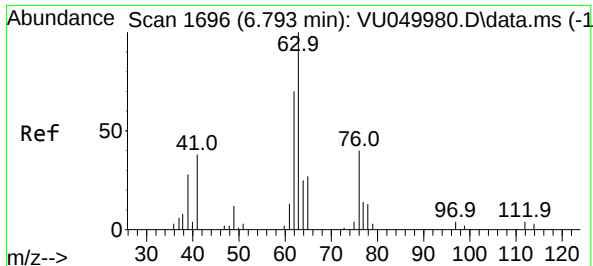
Tgt Ion: 95 Resp: 24343
Ion Ratio Lower Upper
95 100
97 64.6 45.6 84.8
132 96.0 66.8 124.2
130 96.4 69.9 129.7



#35
Methylcyclohexane
Concen: 5.550 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.010 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion: 83 Resp: 34950
Ion Ratio Lower Upper
83 100
55 79.8 61.6 92.4
98 44.1 34.8 52.2





#37

1,2-Dichloropropane

Concen: 5.293 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

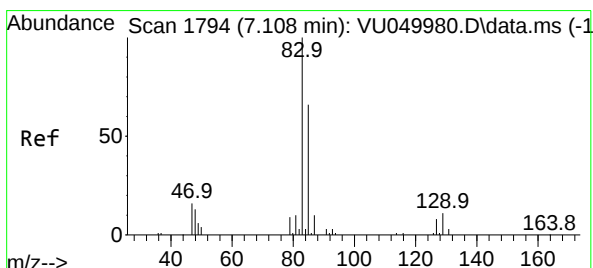
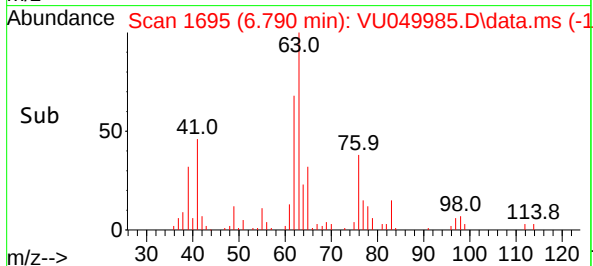
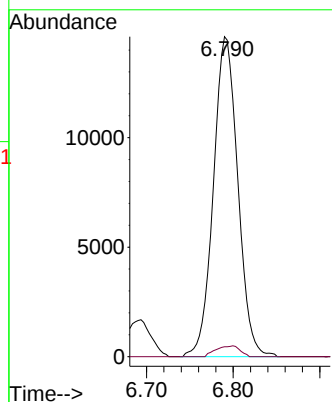
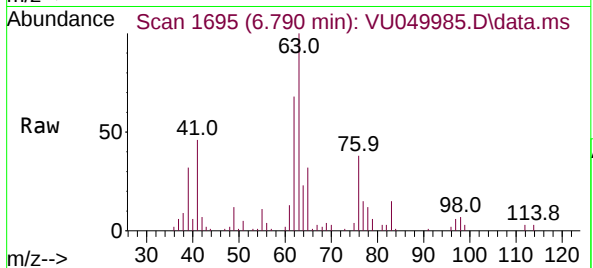
GBJ27MSD

Tgt Ion: 63 Resp: 28652

Ion Ratio Lower Upper

63 100

112 3.3 3.0 4.6



#38

Bromodichloromethane

Concen: 5.271 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.003 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

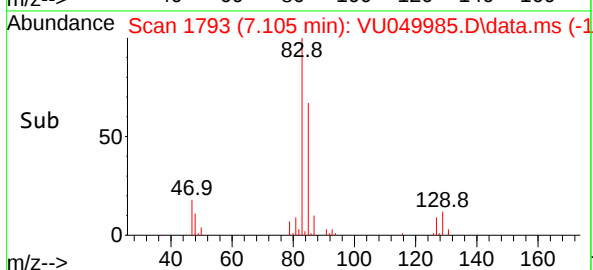
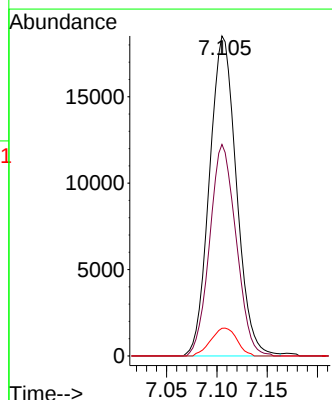
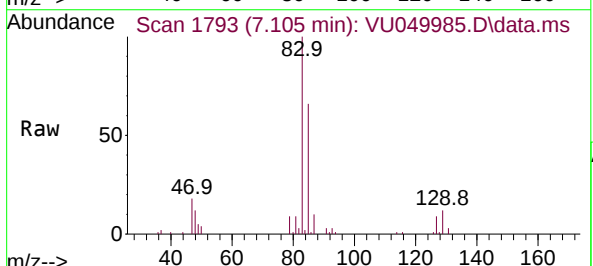
Tgt Ion: 83 Resp: 34520

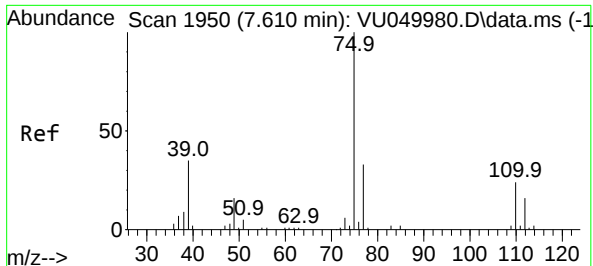
Ion Ratio Lower Upper

83 100

85 66.1 44.9 83.5

127 8.7 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 5.143 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

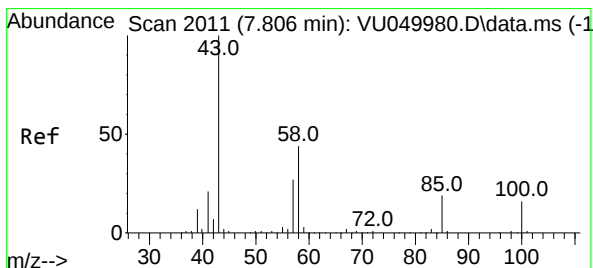
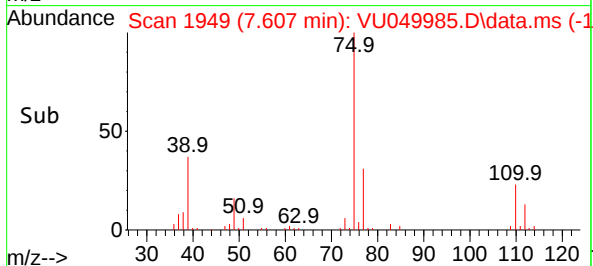
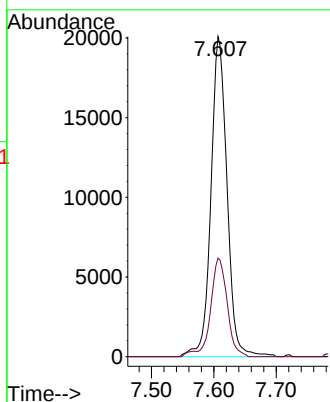
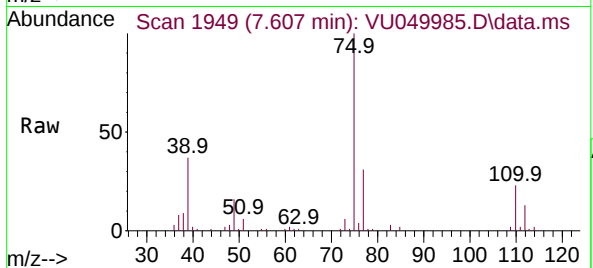
GBJ27MSD

Tgt Ion: 75 Resp: 36029

Ion Ratio Lower Upper

75 100

77 30.8 22.5 41.9



#40

4-Methyl-2-pentanone

Concen: 68.695 ug/L

RT: 7.790 min Scan# 2006

Delta R.T. -0.016 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

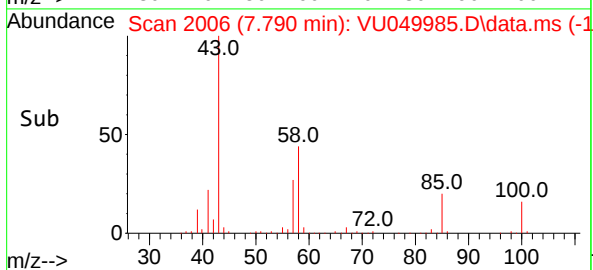
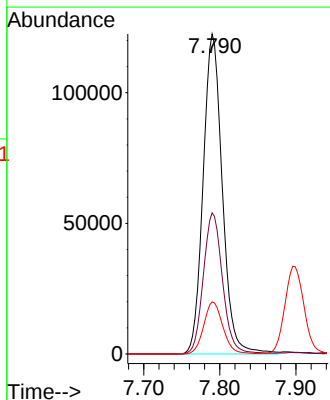
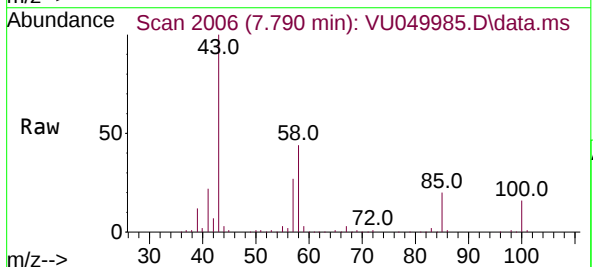
Tgt Ion: 43 Resp: 214864

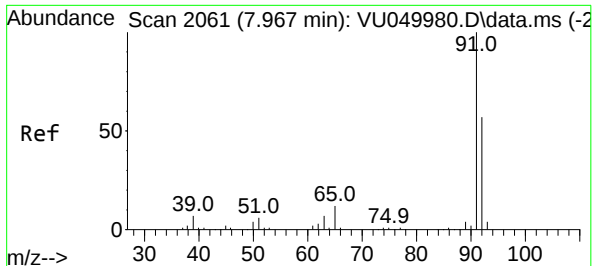
Ion Ratio Lower Upper

43 100

58 44.2 35.5 53.3

100 16.2 13.2 19.8





#42

Toluene

Concen: 5.286 ug/L

RT: 7.970 min Scan# 2061

Delta R.T. 0.003 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

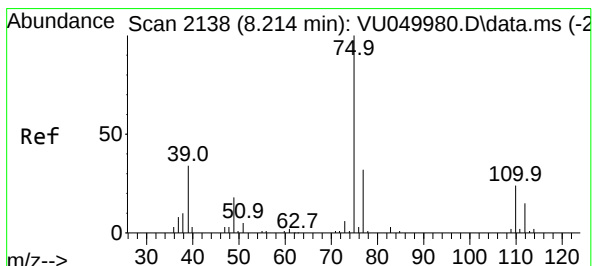
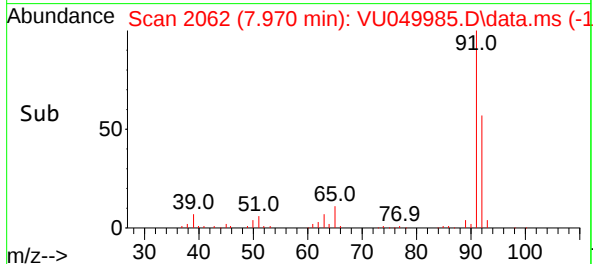
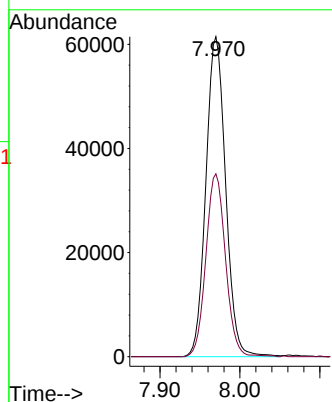
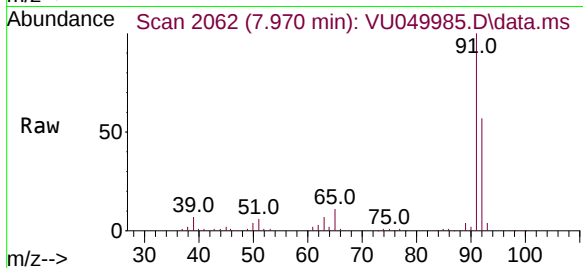
GBJ27MSD

Tgt Ion: 91 Resp: 105574

Ion Ratio Lower Upper

91 100

92 57.2 40.5 75.3



#44

trans-1,3-Dichloropropene

Concen: 5.470 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.003 min

Lab File: VU049985.D

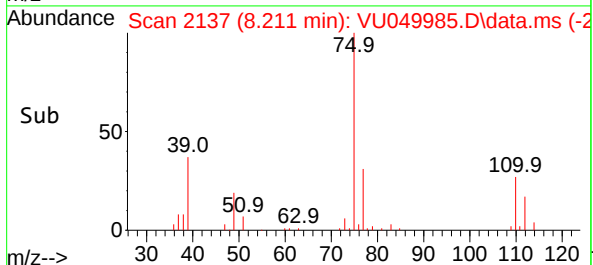
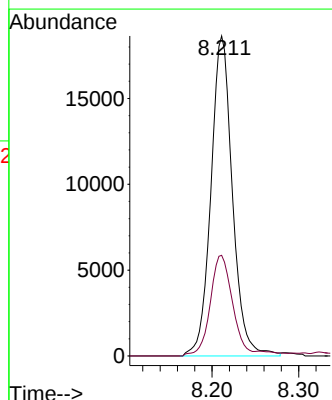
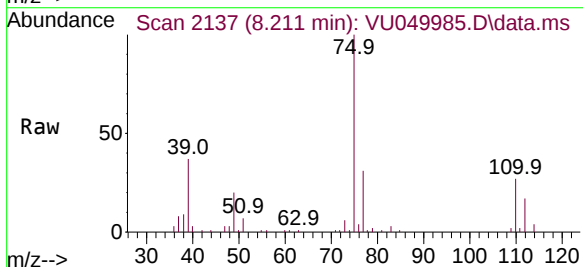
Acq: 28 Jul 2022 14:40

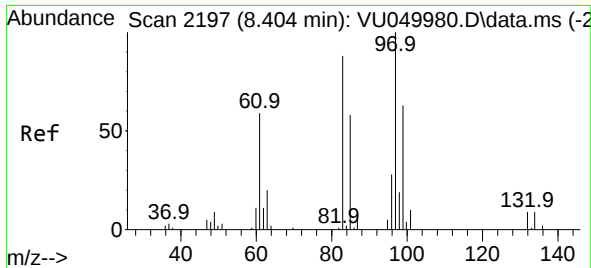
Tgt Ion: 75 Resp: 32177

Ion Ratio Lower Upper

75 100

77 31.4 24.1 44.8

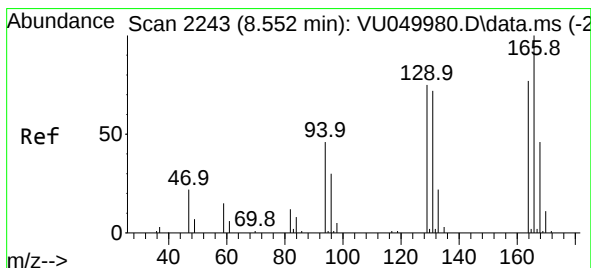
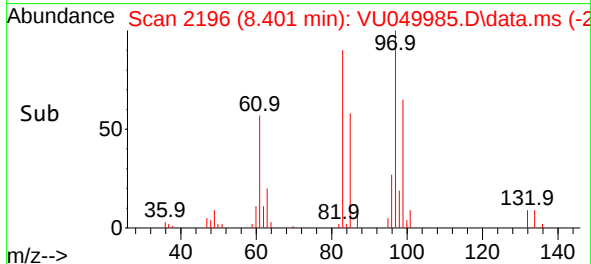
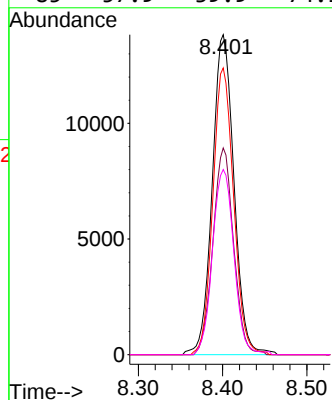
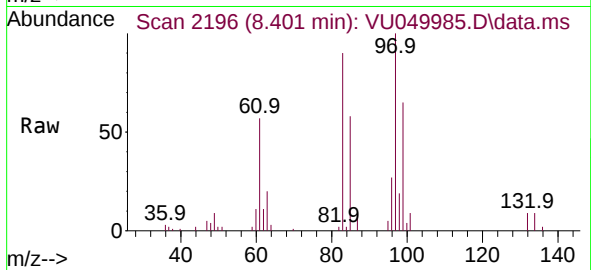




#45
1,1,2-Trichloroethane
Concen: 6.119 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

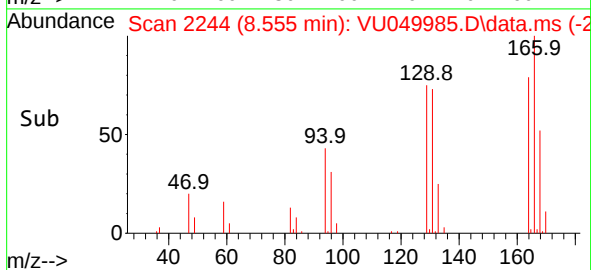
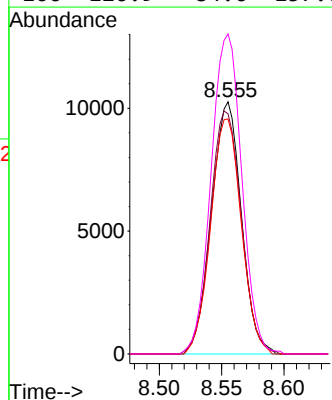
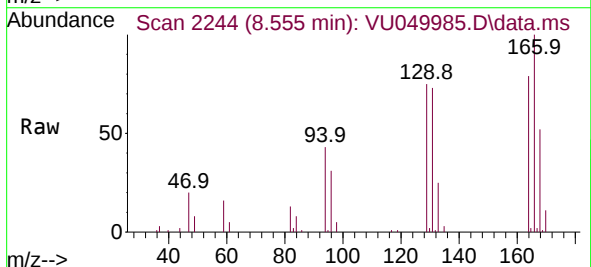
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

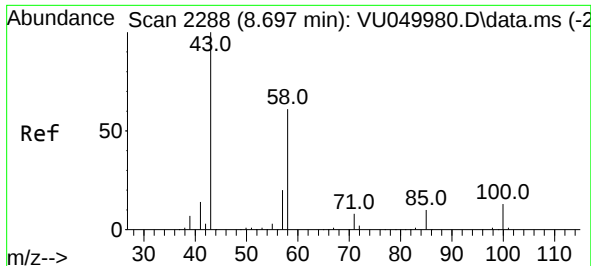
Tgt Ion: 97	Resp: 24751
Ion Ratio	Lower Upper
97 100	
99 64.6	43.5 80.9
83 89.6	59.9 111.3
85 57.9	39.9 74.1



#47
Tetrachloroethene
Concen: 5.020 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion: 164	Resp: 17249
Ion Ratio	Lower Upper
164 100	
129 95.2	66.3 123.1
131 93.2	63.1 117.1
166 126.9	84.6 157.0



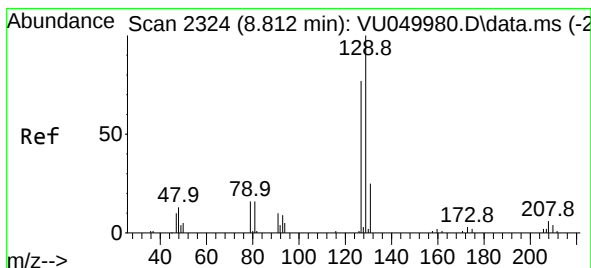
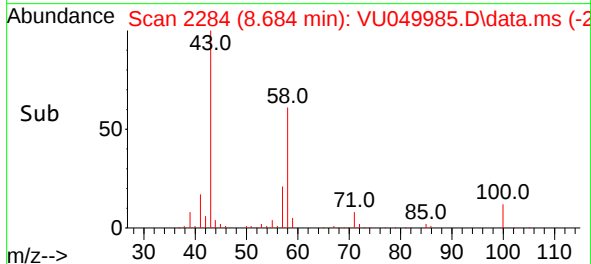
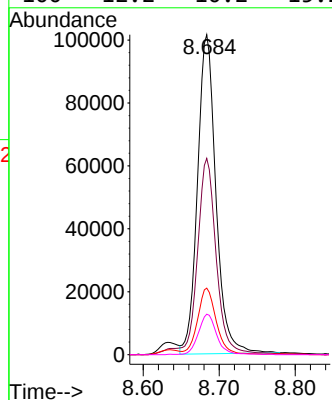
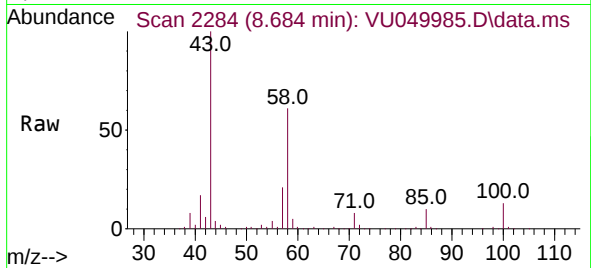


#48
2-Hexanone
Concen: 71.847 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.013 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

Tgt Ion: 43 Resp: 171305

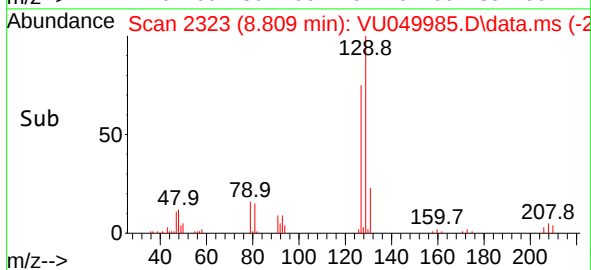
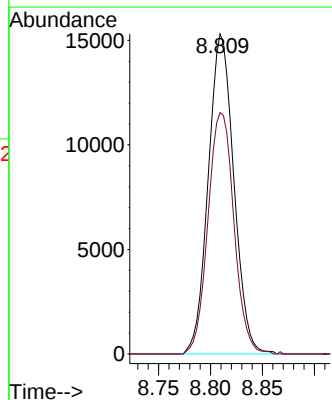
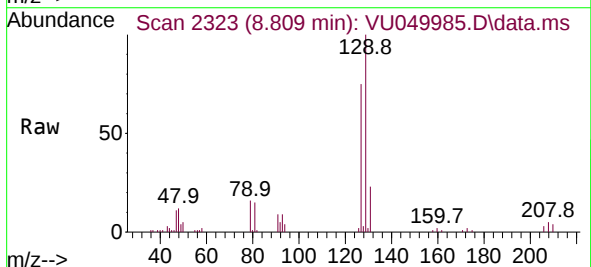
Ion	Ratio	Lower	Upper
43	100		
58	64.1	49.4	74.0
57	20.9	17.0	25.4
100	12.2	10.2	15.2

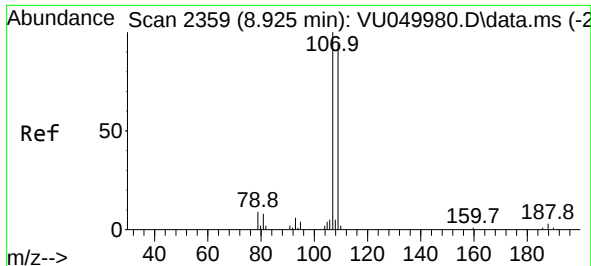


#49
Dibromochloromethane
Concen: 5.920 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion: 129 Resp: 26202

Ion	Ratio	Lower	Upper
129	100		
127	75.4	54.5	101.1





#50

1,2-Dibromoethane

Concen: 6.255 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MSD

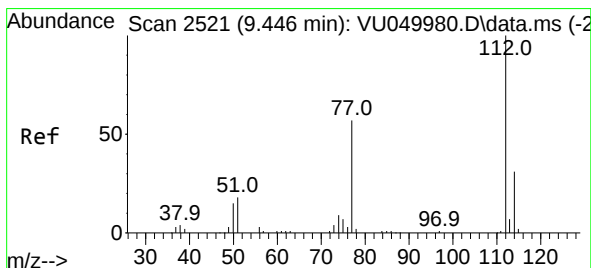
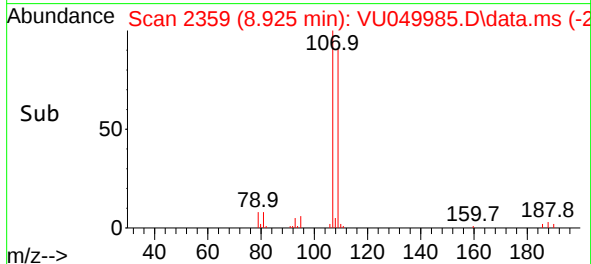
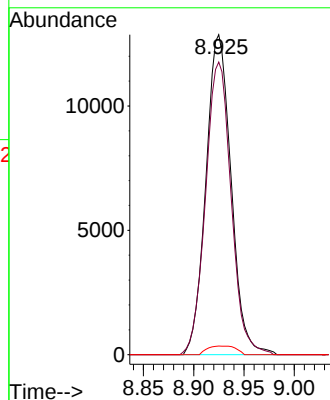
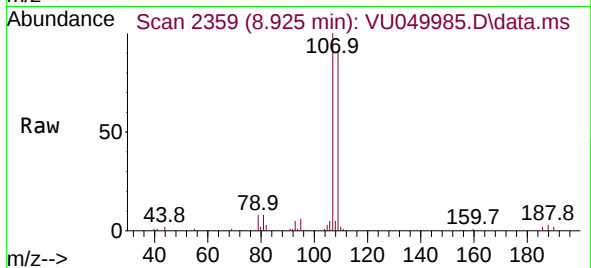
Tgt Ion:107 Resp: 22464

Ion Ratio Lower Upper

107 100

109 91.5 62.7 116.5

188 2.7 2.4 3.6



#51

Chlorobenzene

Concen: 5.181 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

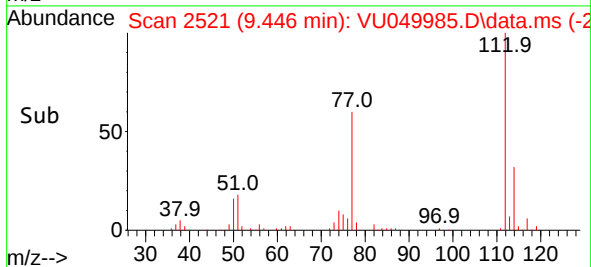
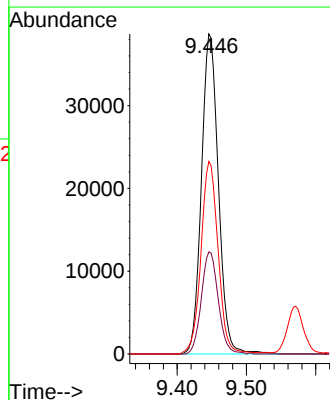
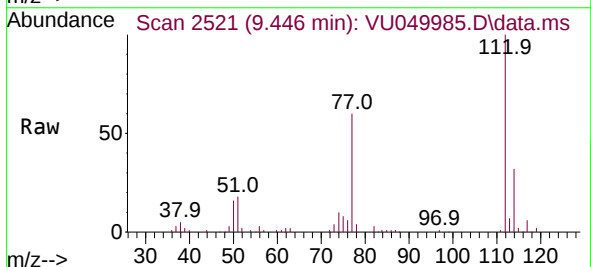
Tgt Ion:112 Resp: 65692

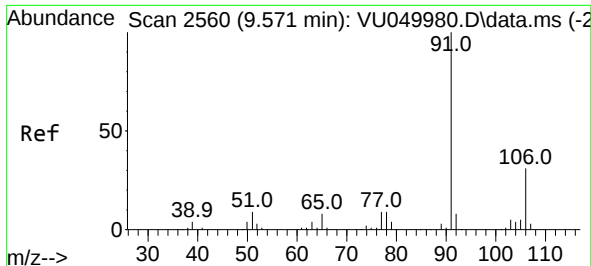
Ion Ratio Lower Upper

112 100

114 31.9 22.4 41.6

77 60.2 48.2 72.4





#52

Ethylbenzene

Concen: 4.915 ug/L

RT: 9.571 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

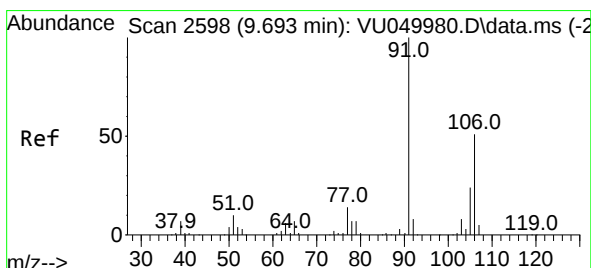
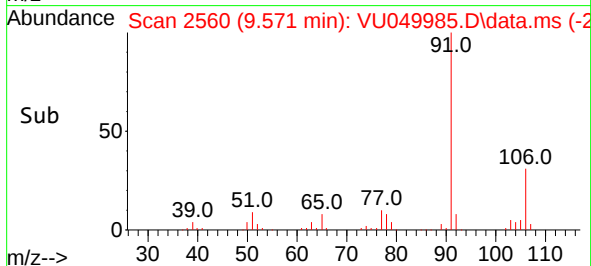
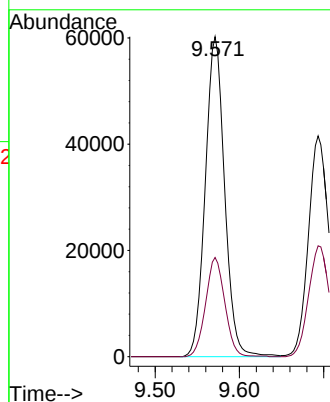
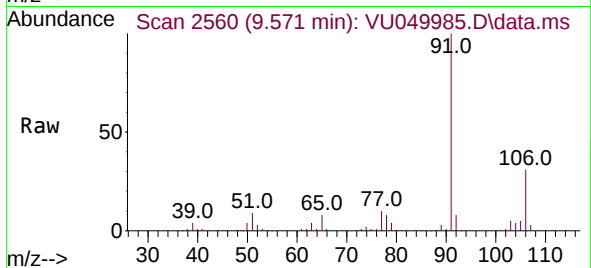
GBJ27MSD

Tgt Ion: 91 Resp: 96156

Ion Ratio Lower Upper

91 100

106 31.0 21.6 40.0



#53

m,p-Xylene

Concen: 4.843 ug/L

RT: 9.693 min Scan# 2598

Delta R.T. 0.000 min

Lab File: VU049985.D

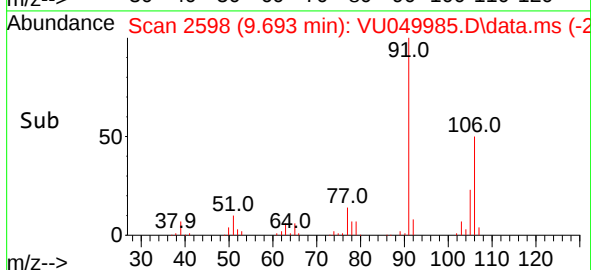
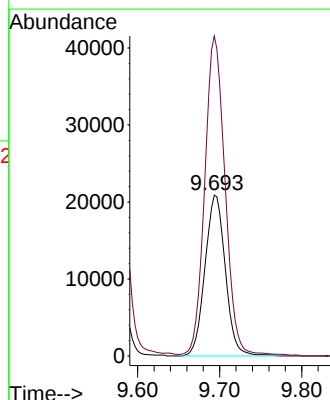
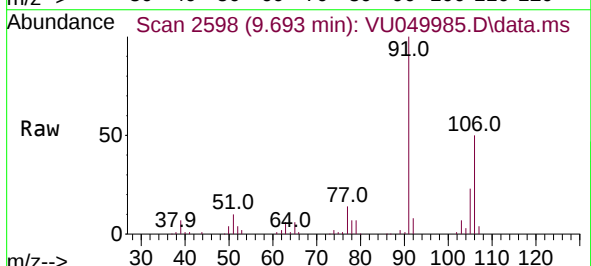
Acq: 28 Jul 2022 14:40

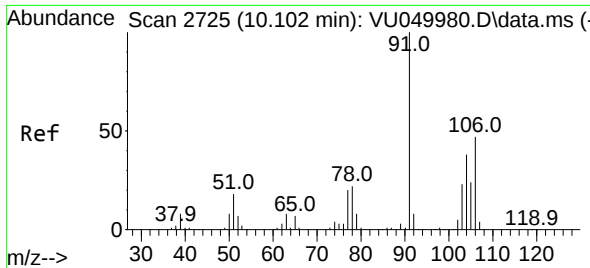
Tgt Ion: 106 Resp: 36085

Ion Ratio Lower Upper

106 100

91 199.0 142.4 264.4

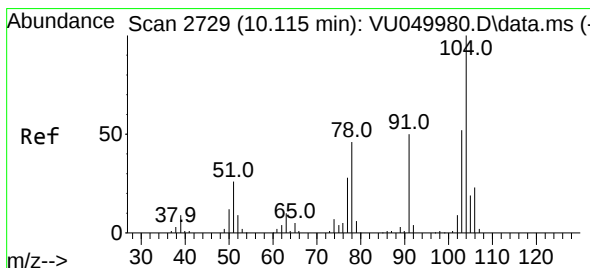
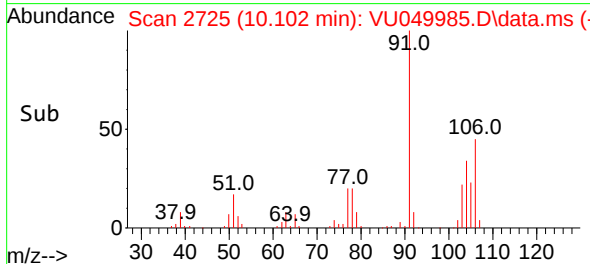
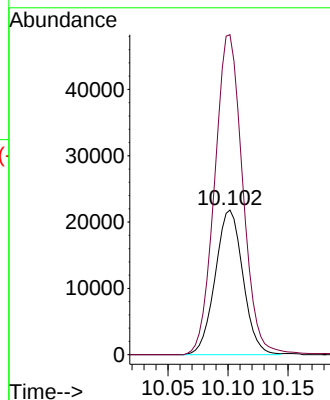
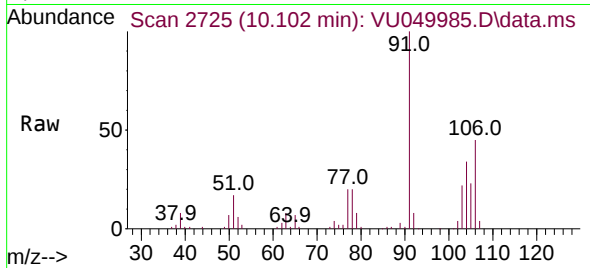




#54
o-Xylene
Concen: 4.853 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

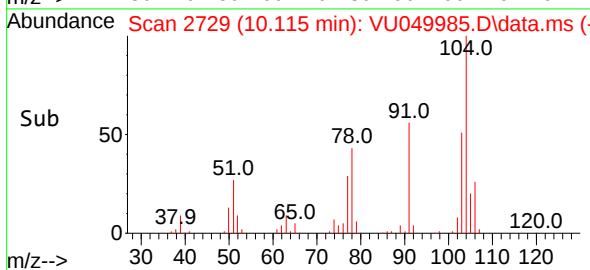
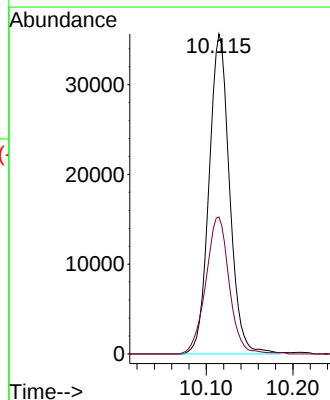
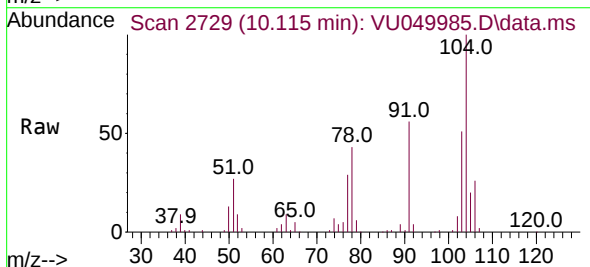
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

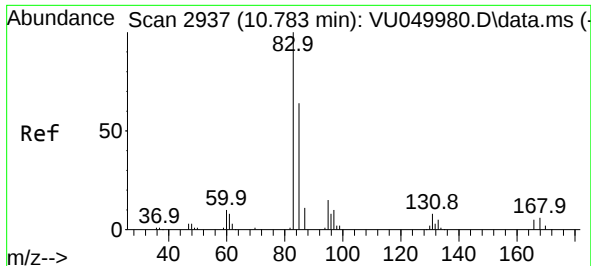
Tgt Ion:106 Resp: 35055
Ion Ratio Lower Upper
106 100
91 221.1 148.7 276.1



#55
Styrene
Concen: 4.774 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion:104 Resp: 58738
Ion Ratio Lower Upper
104 100
78 42.8 30.9 57.3





#57

1,1,2,2-Tetrachloroethane

Concen: 6.550 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. 0.000 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MSD

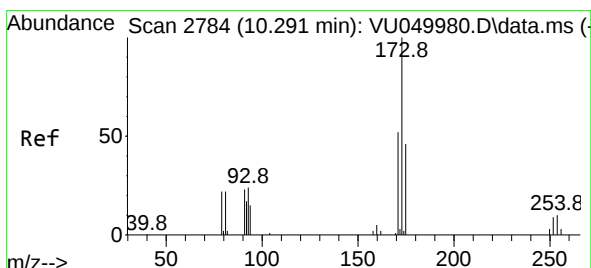
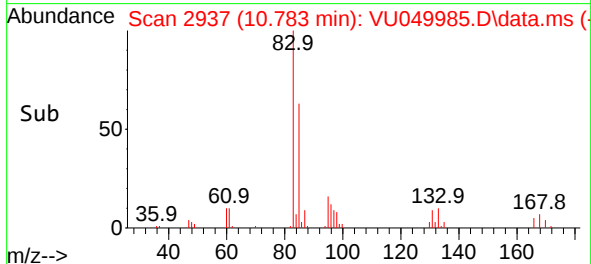
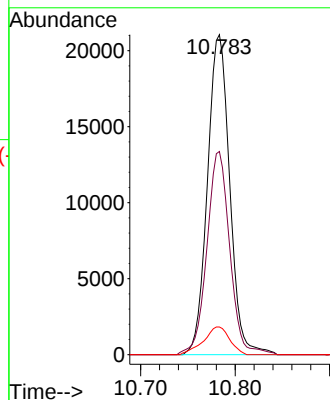
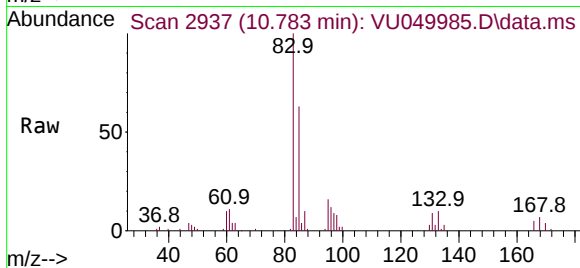
Tgt Ion: 83 Resp: 34487

Ion Ratio Lower Upper

83 100

85 63.5 46.6 86.6

131 8.6 7.9 11.9



#59

Bromoform

Concen: 6.850 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. 0.000 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

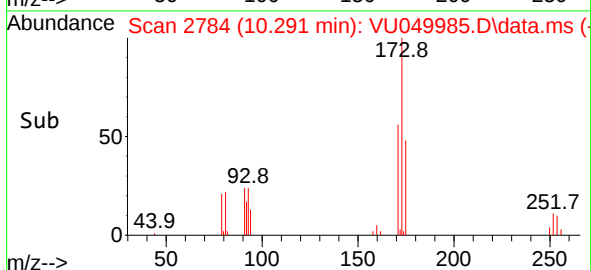
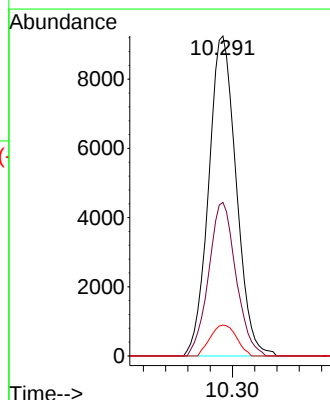
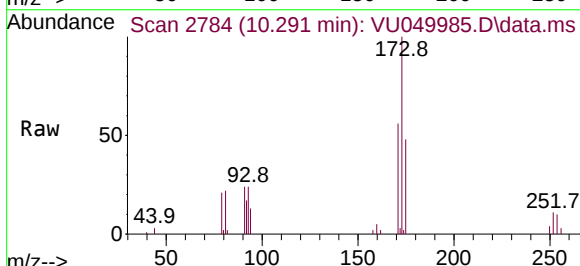
Tgt Ion:173 Resp: 15880

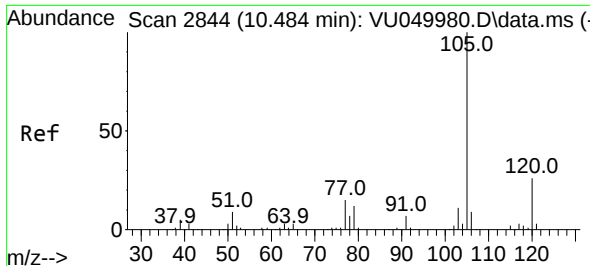
Ion Ratio Lower Upper

173 100

175 47.5 39.1 58.7

254 9.2 7.5 11.3

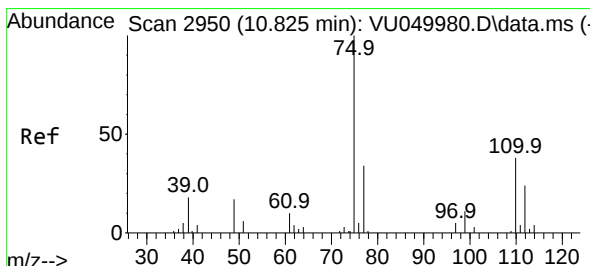
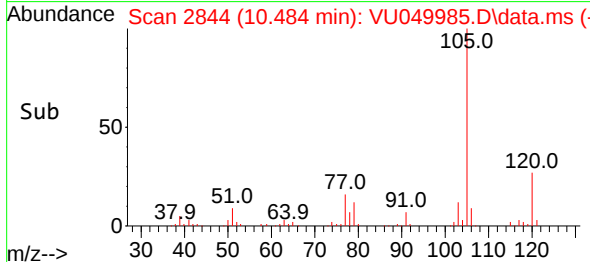
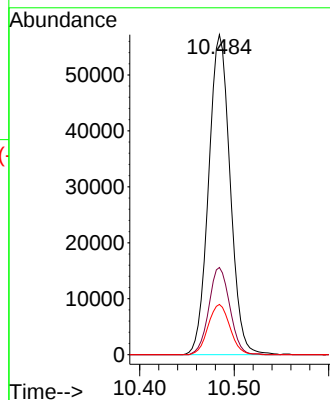
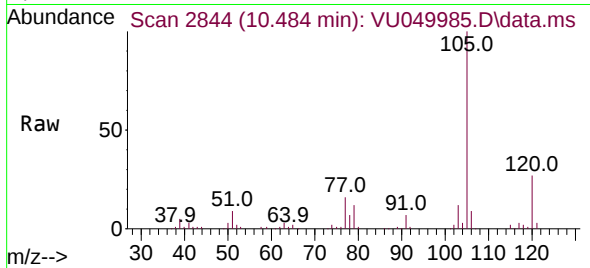




#60
Isopropylbenzene
Concen: 5.306 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. 0.000 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

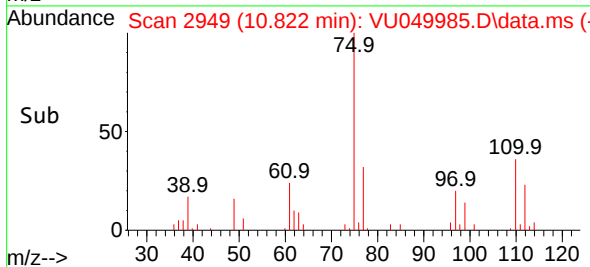
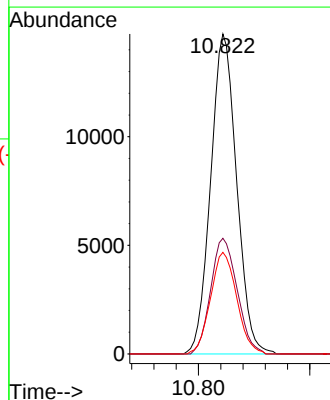
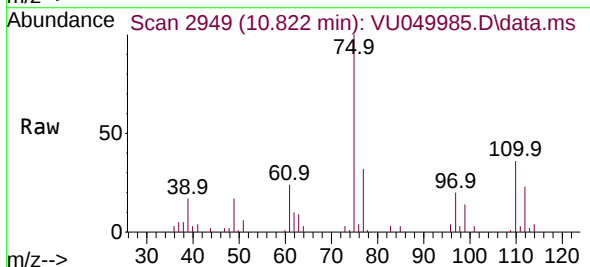
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

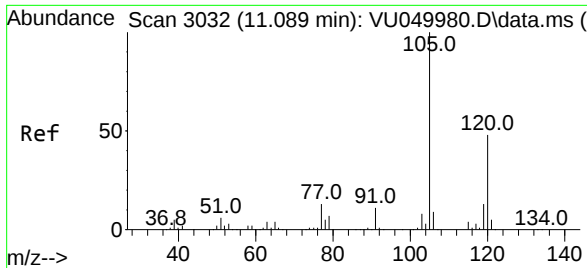
Tgt Ion:105 Resp: 90411
Ion Ratio Lower Upper
105 100
120 26.5 20.5 30.7
77 15.9 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 7.114 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.003 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion: 75 Resp: 23830
Ion Ratio Lower Upper
75 100
110 36.9 28.1 42.1
77 32.1 24.7 37.1

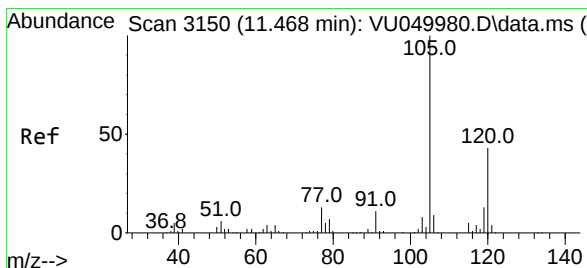
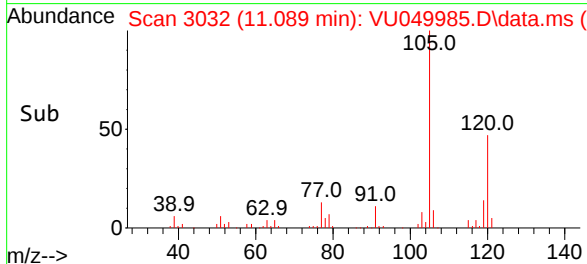
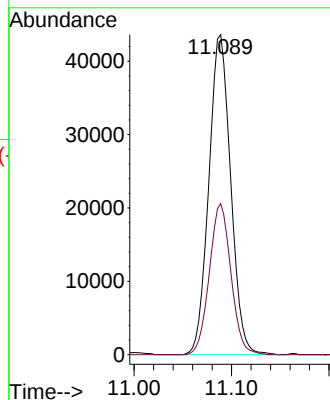
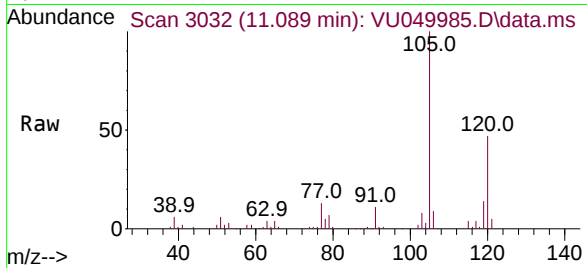




#62
 1,3,5-Trimethylbenzene
 Concen: 4.914 ug/L
 RT: 11.089 min Scan# 3032
 Delta R.T. 0.000 min
 Lab File: VU049985.D
 Acq: 28 Jul 2022 14:40

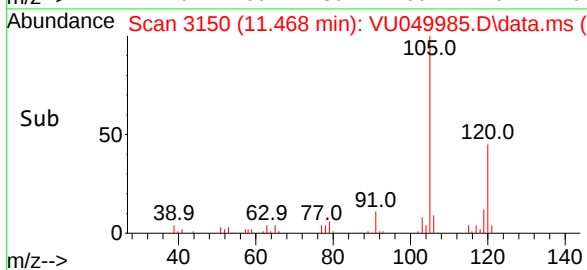
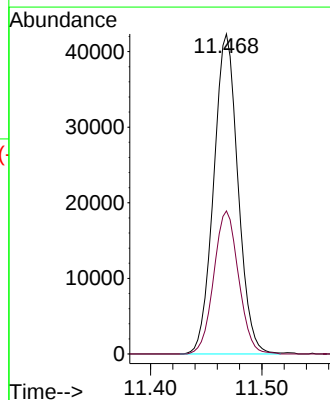
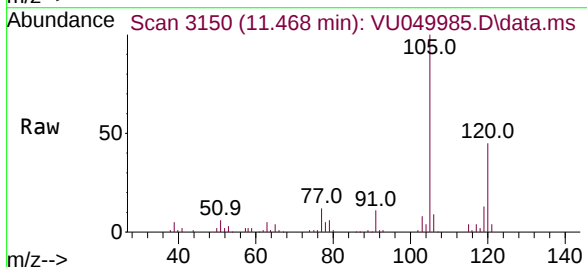
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ27MSD

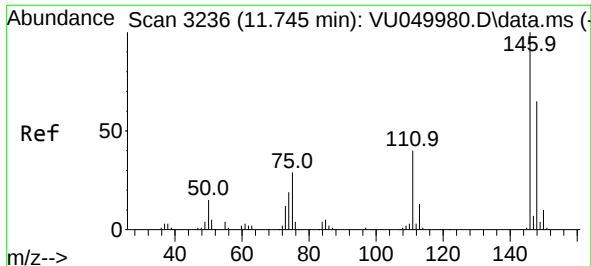
Tgt Ion:105 Resp: 68027
 Ion Ratio Lower Upper
 105 100
 120 46.6 38.2 57.4



#63
 1,2,4-Trimethylbenzene
 Concen: 4.779 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. 0.000 min
 Lab File: VU049985.D
 Acq: 28 Jul 2022 14:40

Tgt Ion:105 Resp: 64112
 Ion Ratio Lower Upper
 105 100
 120 45.6 35.4 53.2

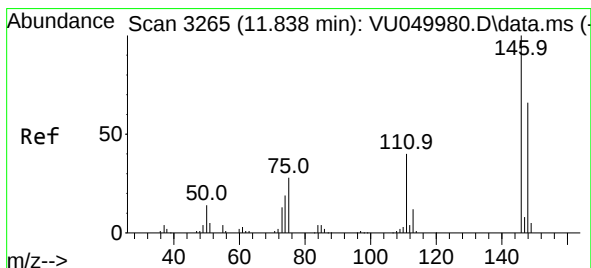
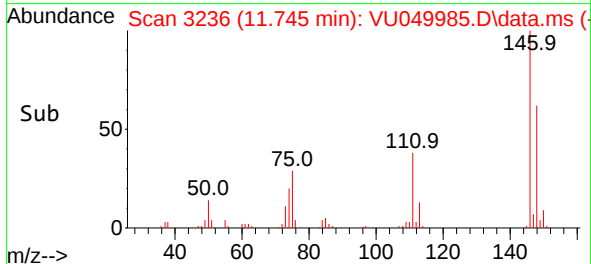
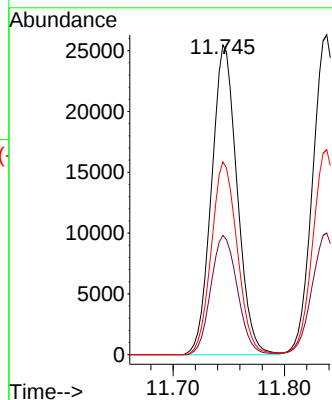
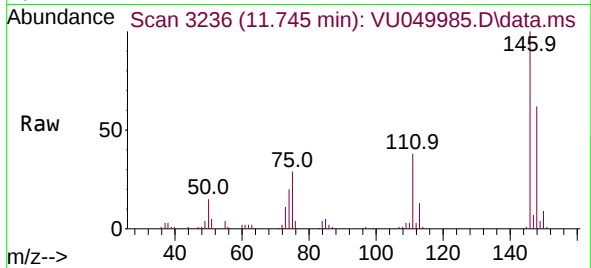




#64
1,3-Dichlorobenzene
Concen: 4.989 ug/L
RT: 11.745 min Scan# 31
Delta R.T. 0.000 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

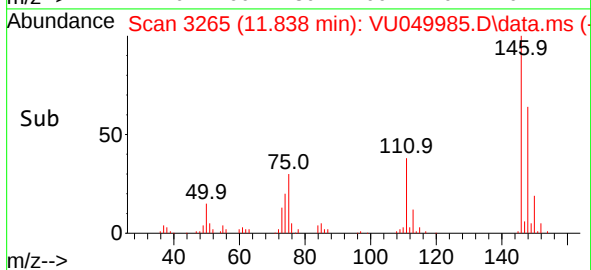
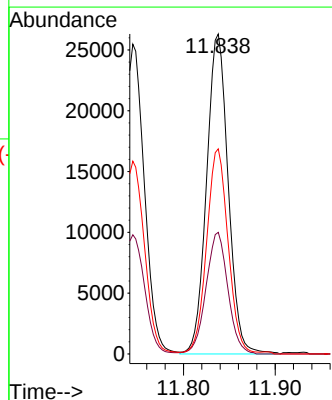
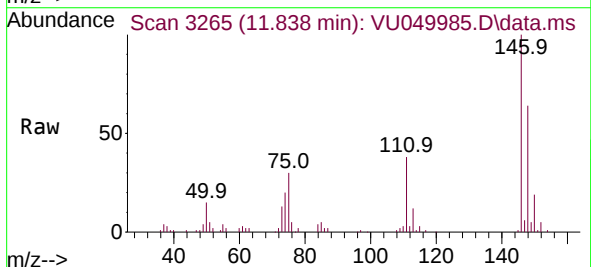
Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

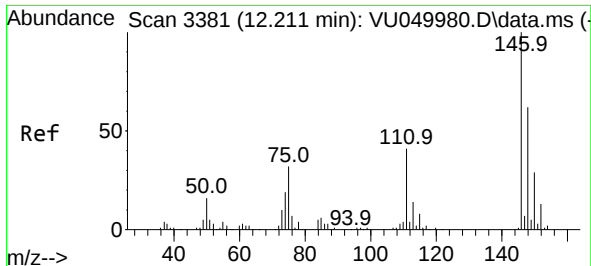
Tgt Ion:146 Resp: 40707
Ion Ratio Lower Upper
146 100
111 38.5 28.9 53.7
148 62.3 45.9 85.3



#65
1,4-Dichlorobenzene
Concen: 5.343 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.000 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion:146 Resp: 43130
Ion Ratio Lower Upper
146 100
111 38.0 26.4 49.0
148 64.1 44.3 82.3





#67

1,2-Dichlorobenzene

Concen: 5.326 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.003 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MSD

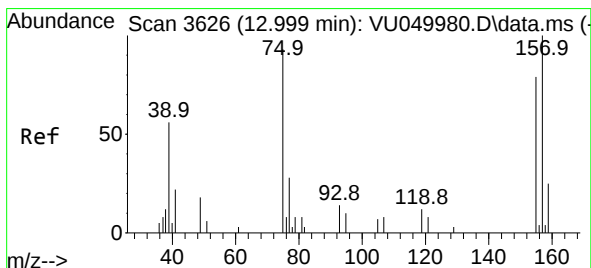
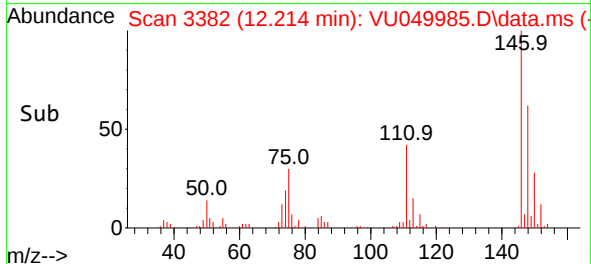
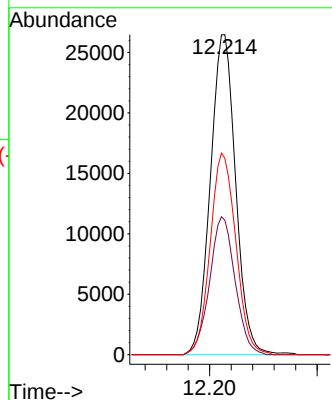
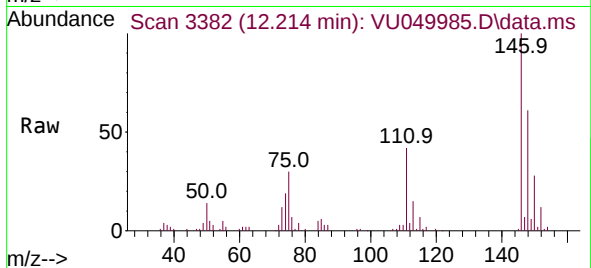
Tgt Ion:146 Resp: 43174

Ion Ratio Lower Upper

146 100

111 42.0 33.4 50.2

148 61.3 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 8.111 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

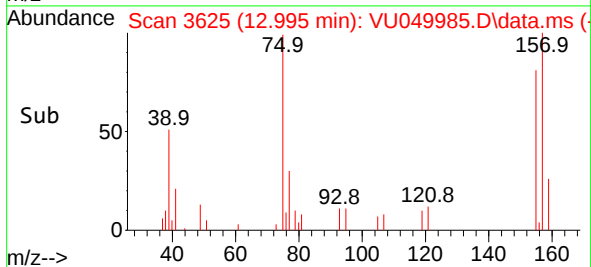
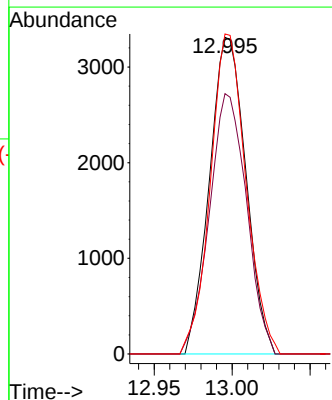
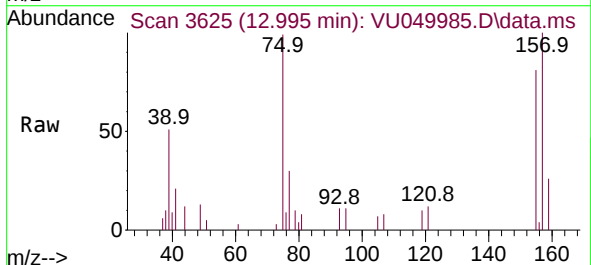
Tgt Ion: 75 Resp: 5367

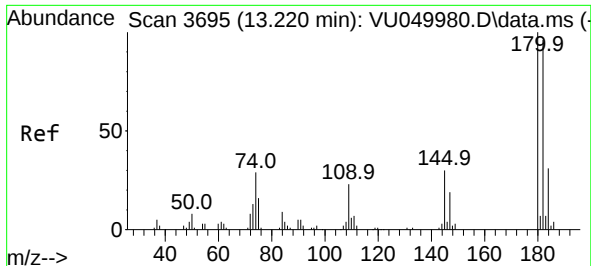
Ion Ratio Lower Upper

75 100

155 82.2 59.4 89.0

157 101.1 73.8 110.6





#69

1,3,5-Trichlorobenzene

Concen: 4.538 ug/L

RT: 13.220 min Scan# 3695

Delta R.T. 0.000 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

Instrument :

MSVOA_U

ClientSampleId :

GBJ27MSD

Tgt Ion:180 Resp: 26693

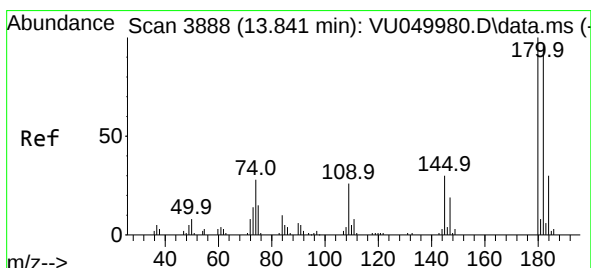
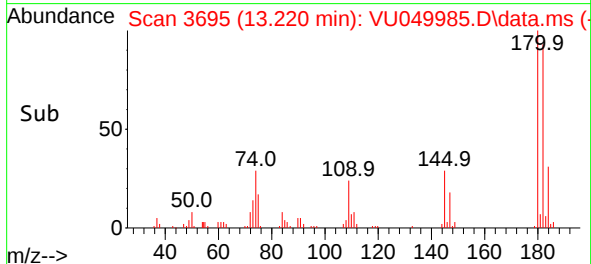
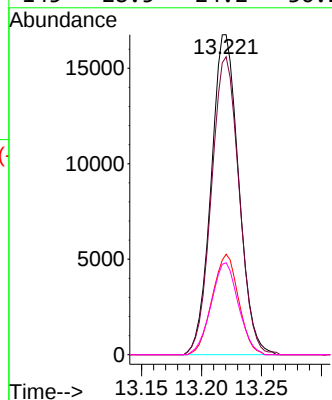
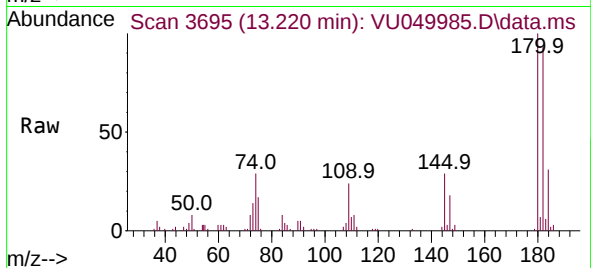
Ion Ratio Lower Upper

180 100

182 93.4 77.2 115.8

184 30.1 23.9 35.9

145 28.5 24.2 36.2



#70

1,2,4-trichlorobenzene

Concen: 4.107 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. 0.000 min

Lab File: VU049985.D

Acq: 28 Jul 2022 14:40

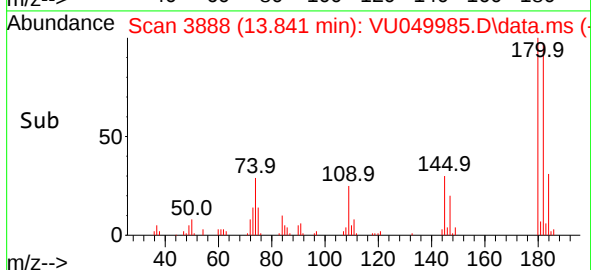
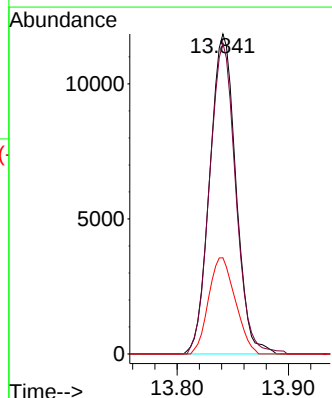
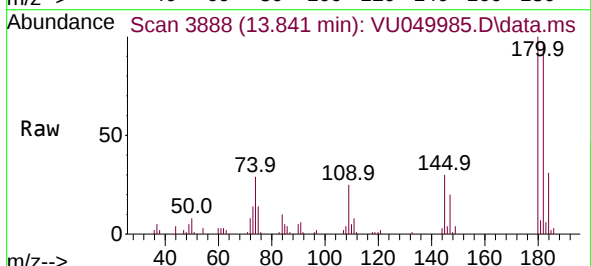
Tgt Ion:180 Resp: 19271

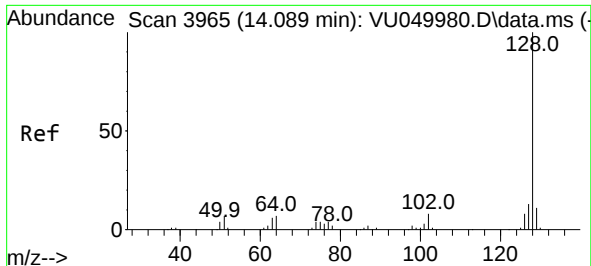
Ion Ratio Lower Upper

180 100

182 97.2 75.8 113.6

145 30.8 23.8 35.8

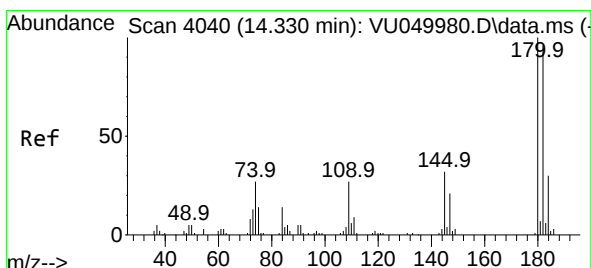
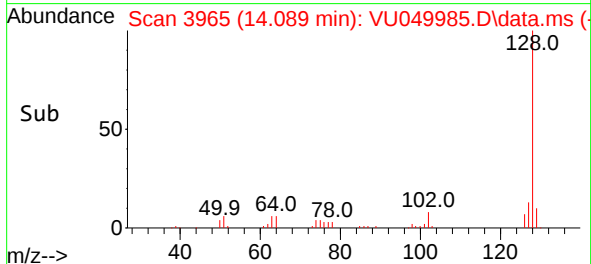
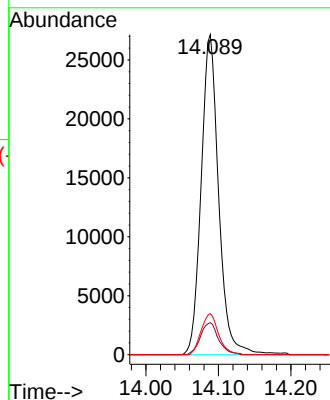
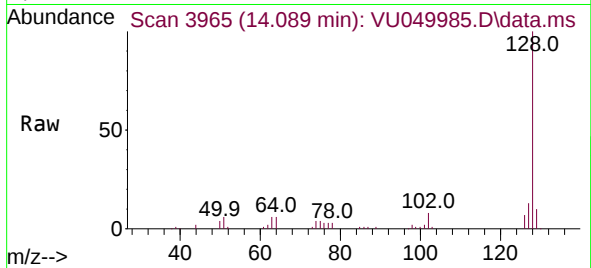




#71
Naphthalene
Concen: 4.889 ug/L
RT: 14.089 min Scan# 3965
Delta R.T. 0.000 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Instrument :
MSVOA_U
ClientSampleId :
GBJ27MSD

Tgt Ion:128	Resp:	45491
Ion Ratio	Lower	Upper
128	100	
129	10.3	8.5 12.7
127	12.8	10.3 15.5



#72
1,2,3-Trichlorobenzene
Concen: 4.811 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU049985.D
Acq: 28 Jul 2022 14:40

Tgt Ion:180	Resp:	22405
Ion Ratio	Lower	Upper
180	100	
182	94.5	77.0 115.4
145	31.7	26.3 39.5

