

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049903.D
 Acq On : 26 Jul 2022 06:45
 Operator : SY/MD
 Sample : N3870-18MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ15MSD

Quant Time: Jul 26 09:01:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	72914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	69800	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	33983	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	27209	4.609	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.912	69	24207	4.900	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.000%
11) 1,1-Dichloroethene-d2	2.565	65	11784	4.473	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.400%
20) 2-Butanone-d5	4.632	46	133522	62.865	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.720%
24) Chloroform-d	5.063	84	69921	5.318	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.400%
26) 1,2-Dichloroethane-d4	5.703	65	40022	5.191	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.729	84	119992	5.045	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.690	67	44837	5.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.200%
41) Toluene-d8	7.896	98	103893	4.997	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.000%
43) trans-1,3-Dichloroprop...	8.179	79	14212	4.764	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.200%
46) 2-Hexanone-d5	8.632	63	70253	59.428	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.860%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	41022	5.945	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.800%
66) 1,2-Dichlorobenzene-d4	12.192	152	37917	5.406	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.385	85	44264	5.750	ug/L	100
3) Chloromethane	1.520	50	43784	4.623	ug/L	98
5) Vinyl chloride	1.604	62	40417	5.104	ug/L	98
6) Bromomethane	1.858	94	18780	4.386	ug/L	95
8) Chloroethane	1.932	64	22044	4.831	ug/L	96
9) Trichlorofluoromethane	2.137	101	52024	5.344	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	43368	9.108	ug/L	98
12) 1,1-Dichloroethene	2.578	96	29134	6.047	ug/L	89
13) Acetone	2.642	43	66843	52.323	ug/L	97
14) Carbon disulfide	2.793	76	70614	4.737	ug/L	97
15) Methyl Acetate	2.957	43	9749	3.061	ug/L	98
16) Methylene chloride	3.044	84	31804	2.927	ug/L	95
17) Methyl tert-butyl Ether	3.366	73	73830	4.730	ug/L	99
18) trans-1,2-Dichloroethene	3.353	96	26661	4.788	ug/L	91
19) 1,1-Dichloroethane	3.870	63	67146	5.579	ug/L	97
21) 2-Butanone	4.710	43	110378	50.944	ug/L	91
22) cis-1,2-Dichloroethene	4.668	96	220900	34.247	ug/L	94
23) Bromochloromethane	4.976	128	14425	5.006	ug/L	95
25) Chloroform	5.089	83	60598	4.746	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
 Data File : VU049903.D
 Acq On : 26 Jul 2022 06:45
 Operator : SY/MD
 Sample : N3870-18MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ15MSD

Quant Time: Jul 26 09:01:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jul 26 06:46:04 2022
 Response via : Initial Calibration

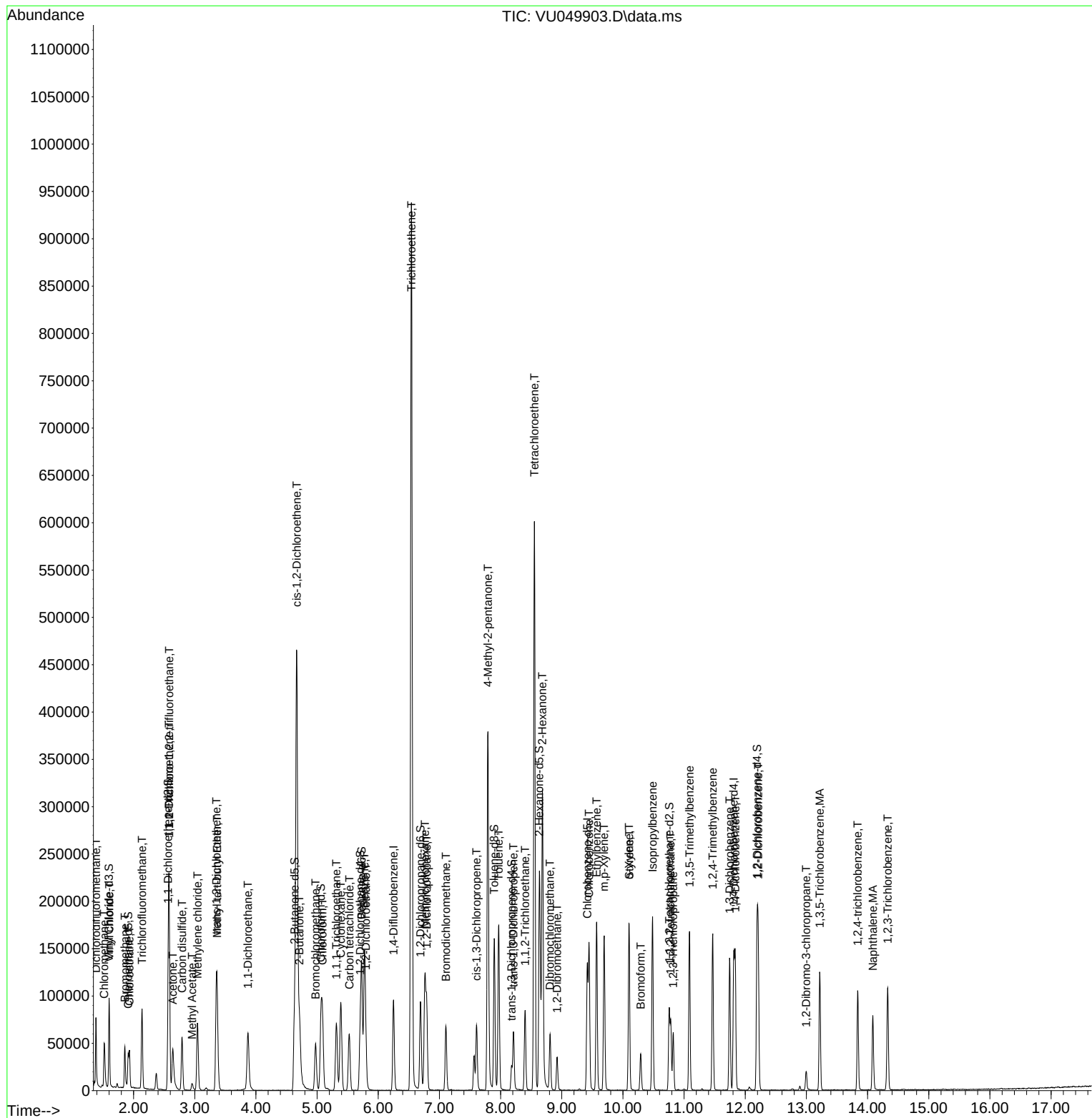
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	40596	4.629	ug/L	96
29) 1,1,1-Trichloroethane	5.314	97	50449	5.149	ug/L	99
30) Cyclohexane	5.388	56	42636	5.374	ug/L	97
31) Carbon tetrachloride	5.526	117	40494	5.089	ug/L	96
33) Benzene	5.774	78	121711	4.805	ug/L	100
34) Trichloroethene	6.542	95	321654	52.377	ug/L	98
35) Methylcyclohexane	6.764	83	41191	5.438	ug/L	100
37) 1,2-Dichloropropane	6.790	63	34905	4.835	ug/L	99
38) Bromodichloromethane	7.105	83	43697	4.845	ug/L	97
39) cis-1,3-Dichloropropene	7.607	75	39640	4.167	ug/L	99
40) 4-Methyl-2-pentanone	7.793	43	258474	51.334	ug/L	99
42) Toluene	7.970	91	124501	4.915	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	34712	4.227	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	25197	4.891	ug/L	97
47) Tetrachloroethene	8.552	164	124673	29.492	ug/L	98
48) 2-Hexanone	8.684	43	207311	55.165	ug/L	96
49) Dibromochloromethane	8.809	129	29024	5.040	ug/L	96
50) 1,2-Dibromoethane	8.925	107	22864	4.997	ug/L	99
51) Chlorobenzene	9.446	112	76156	4.735	ug/L	99
52) Ethylbenzene	9.571	91	120816	4.638	ug/L	99
53) m,p-Xylene	9.693	106	43925	4.584	ug/L	97
54) o-Xylene	10.098	106	43934	4.640	ug/L	100
55) Styrene	10.102	104	3097	0.193	ug/L #	1
57) 1,1,2,2-Tetrachloroethane	10.780	83	33577	5.046	ug/L	98
59) Bromoform	10.291	173	16533	5.590	ug/L	99
60) Isopropylbenzene	10.484	105	111500	4.960	ug/L	100
61) 1,2,3-Trichloropropane	10.822	75	24303	5.368	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	89228	4.697	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	87619	4.752	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	52735	4.744	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	52759	4.798	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	54116	4.928	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.995	75	5687	5.615	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	35925	4.378	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	30434	4.417	ug/L	98
71) Naphthalene	14.085	128	61944	4.611	ug/L	98
72) 1,2,3-Trichlorobenzene	14.330	180	30031	4.535	ug/L	94

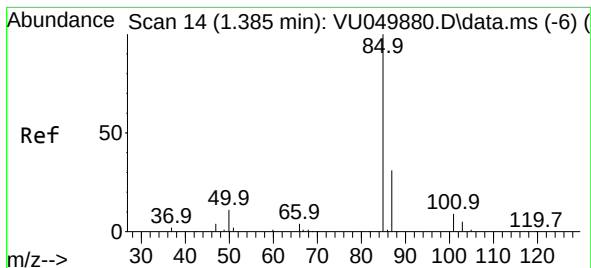
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU072522\
Data File : VU049903.D
Acq On : 26 Jul 2022 06:45
Operator : SY/MD
Sample : N3870-18MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

Quant Time: Jul 26 09:01:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR072222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jul 26 06:46:04 2022
Response via : Initial Calibration

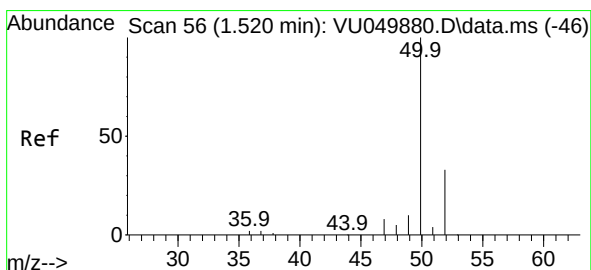
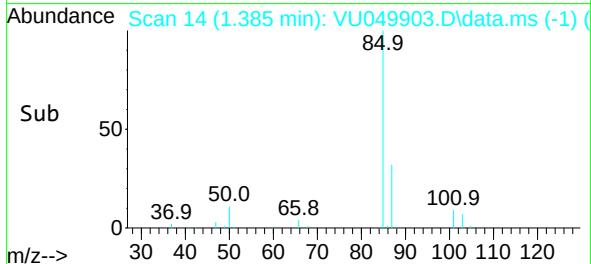
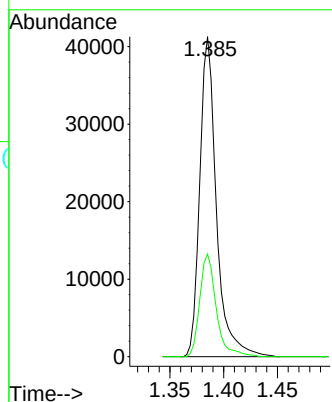
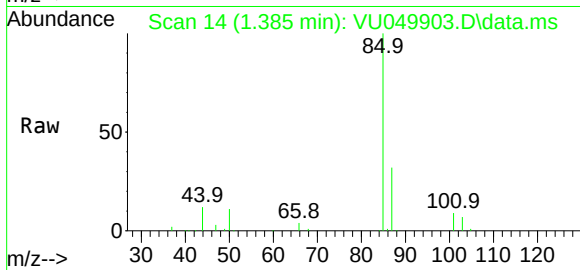




#2
Dichlorodifluoromethane
Concen: 5.750 ug/L
RT: 1.385 min Scan# 14
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

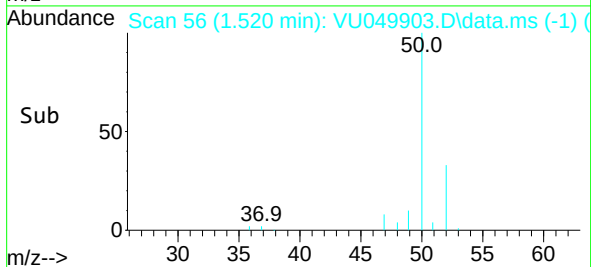
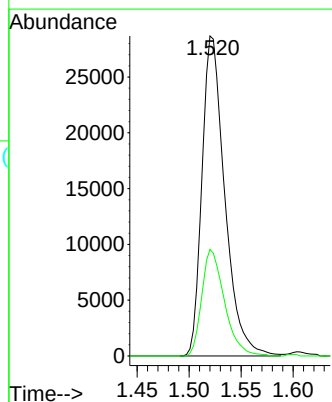
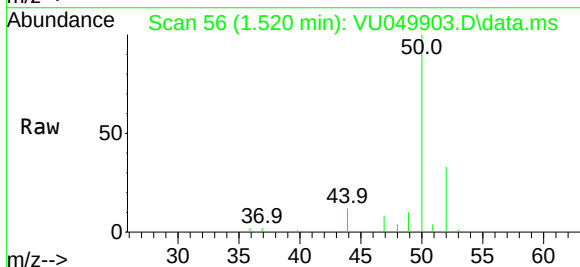
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

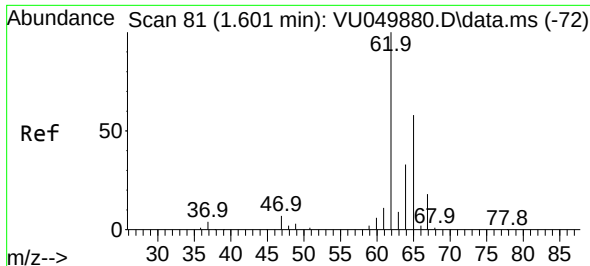
Tgt Ion: 85 Resp: 44264
Ion Ratio Lower Upper
85 100
87 31.8 25.4 38.2



#3
Chloromethane
Concen: 4.623 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion: 50 Resp: 43784
Ion Ratio Lower Upper
50 100
52 33.3 22.5 41.7

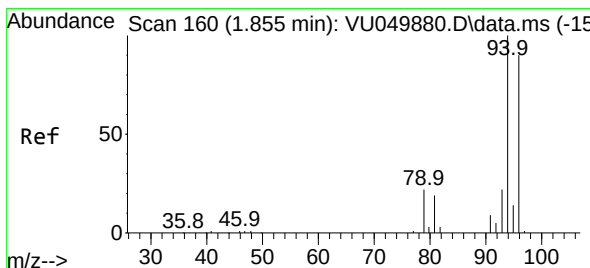
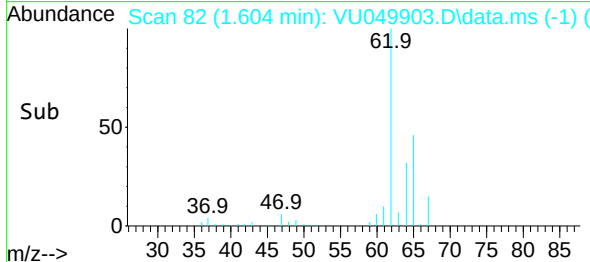
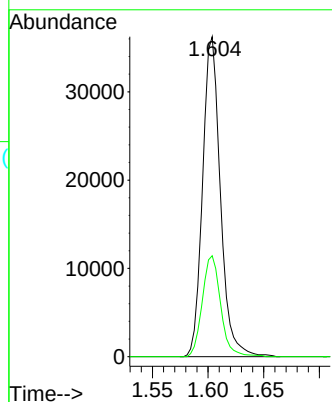
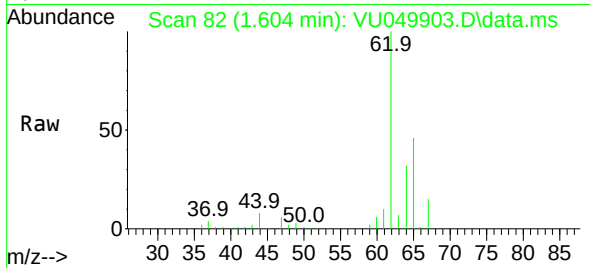




#5
 Vinyl chloride
 Concen: 5.104 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.003 min
 Lab File: VU049903.D
 Acq: 26 Jul 2022 06:45

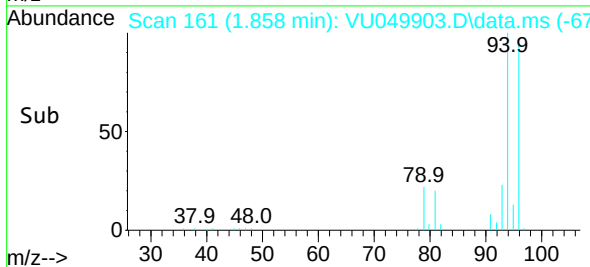
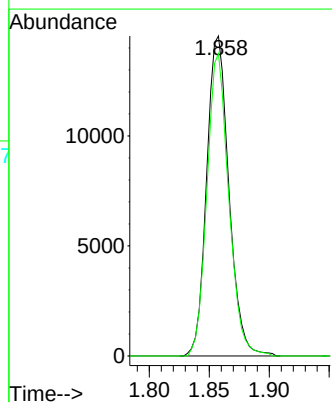
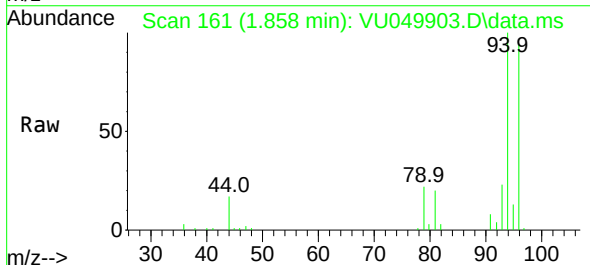
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ15MSD

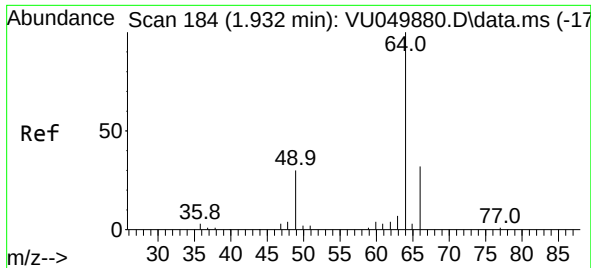
Tgt Ion: 62 Resp: 40417
 Ion Ratio Lower Upper
 62 100
 64 31.6 22.7 42.3



#6
 Bromomethane
 Concen: 4.386 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. 0.003 min
 Lab File: VU049903.D
 Acq: 26 Jul 2022 06:45

Tgt Ion: 94 Resp: 18780
 Ion Ratio Lower Upper
 94 100
 96 94.5 62.6 116.3

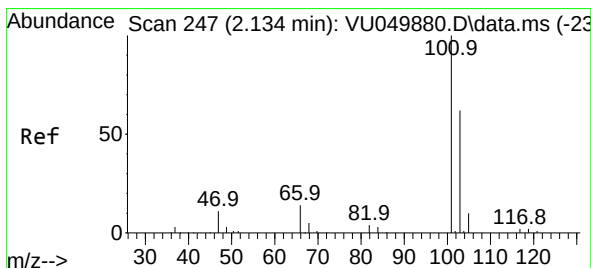
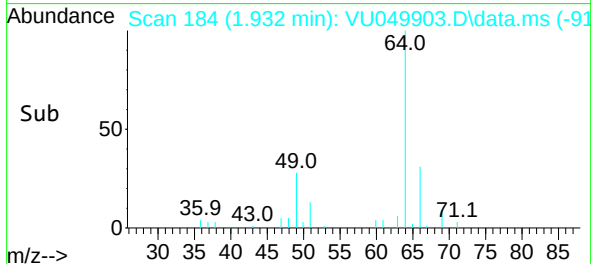
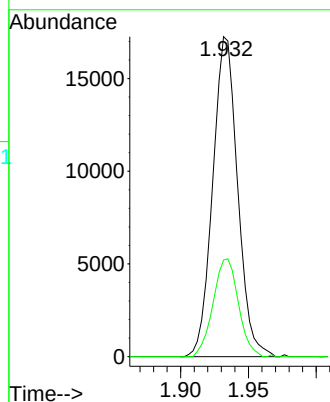
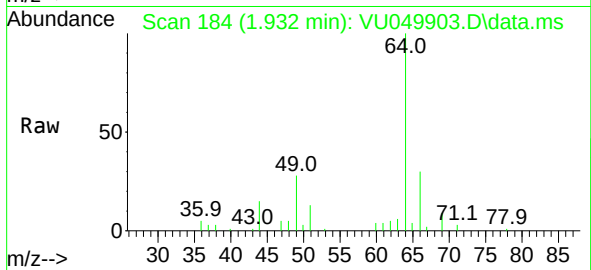




#8
Chloroethane
Concen: 4.831 ug/L
RT: 1.932 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

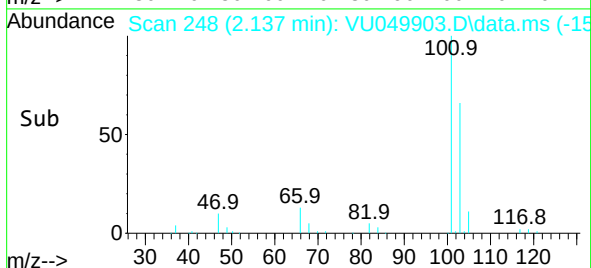
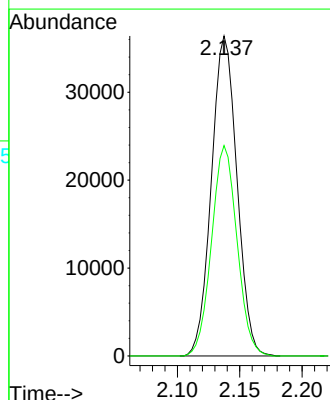
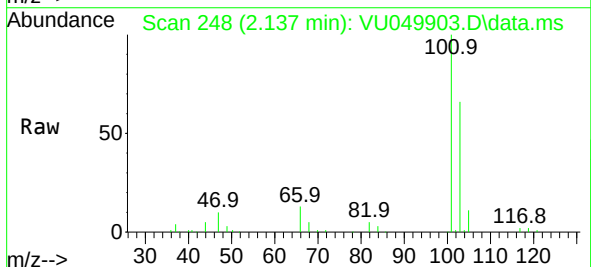
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

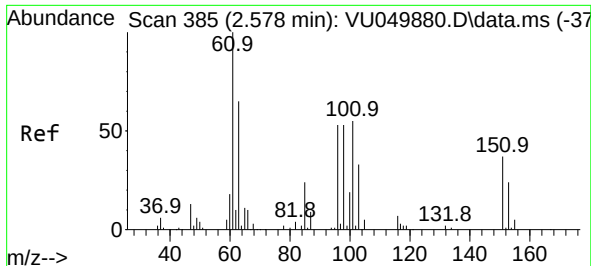
Tgt Ion: 64 Resp: 22044
Ion Ratio Lower Upper
64 100
66 30.2 22.7 42.3



#9
Trichlorofluoromethane
Concen: 5.344 ug/L
RT: 2.137 min Scan# 248
Delta R.T. 0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion:101 Resp: 52024
Ion Ratio Lower Upper
101 100
103 65.5 50.8 76.2

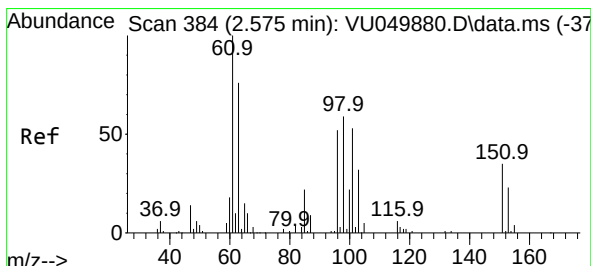
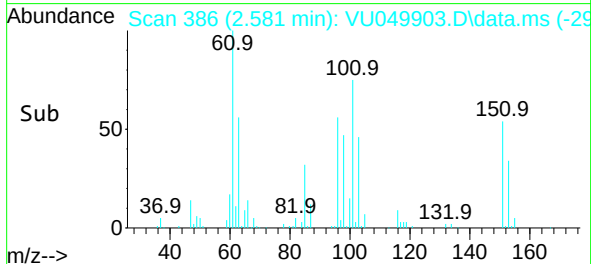
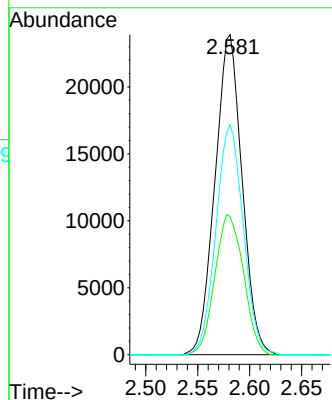
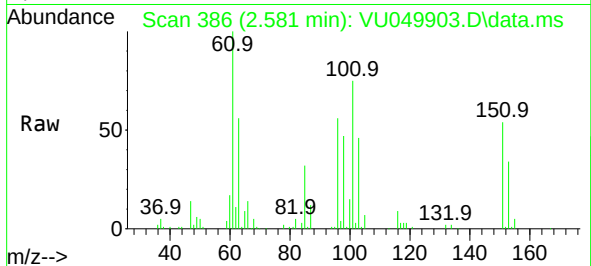




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 9.108 ug/L
 RT: 2.581 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU049903.D
 Acq: 26 Jul 2022 06:45

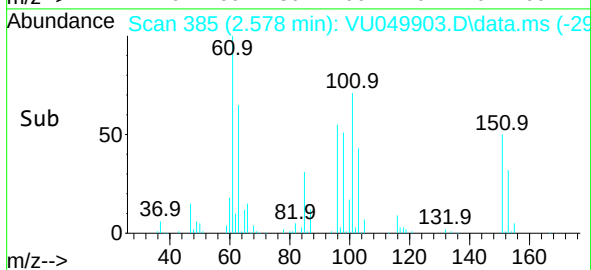
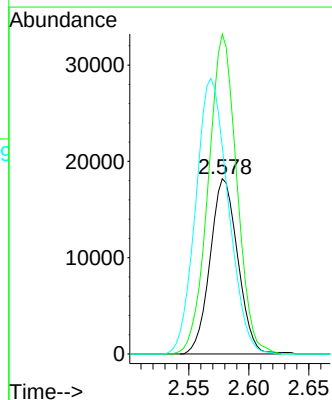
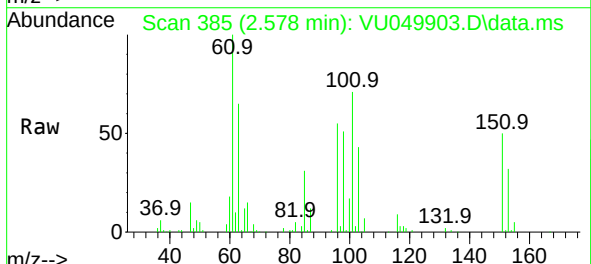
Instrument :
 MSVOA_U
 ClientSampleId :
 GBJ15MSD

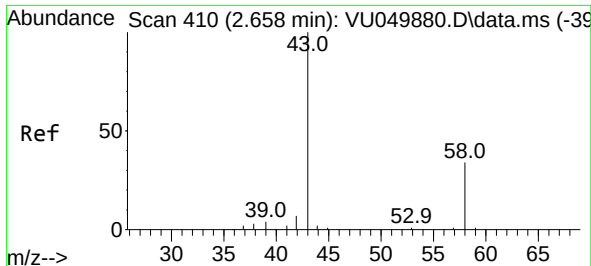
Tgt Ion:101 Resp: 43368
 Ion Ratio Lower Upper
 101 100
 85 46.0 37.2 55.8
 151 72.6 56.0 84.0



#12
 1,1-Dichloroethene
 Concen: 6.047 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.003 min
 Lab File: VU049903.D
 Acq: 26 Jul 2022 06:45

Tgt Ion: 96 Resp: 29134
 Ion Ratio Lower Upper
 96 100
 61 182.6 131.6 244.4
 63 118.3 100.0 185.6





#13

Acetone

Concen: 52.323 ug/L

RT: 2.642 min Scan# 410

Delta R.T. -0.016 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

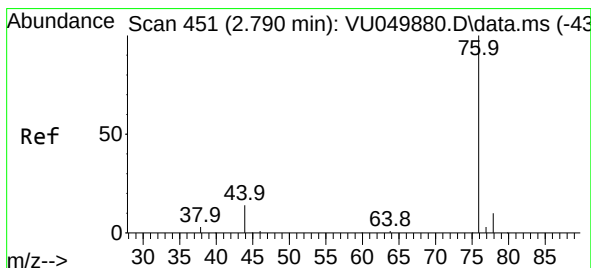
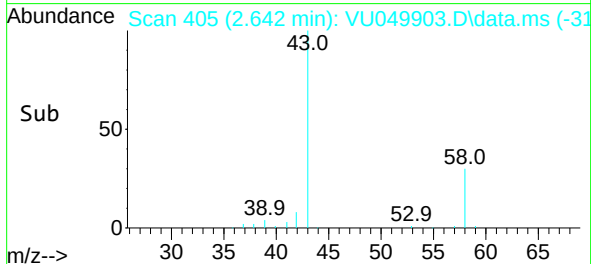
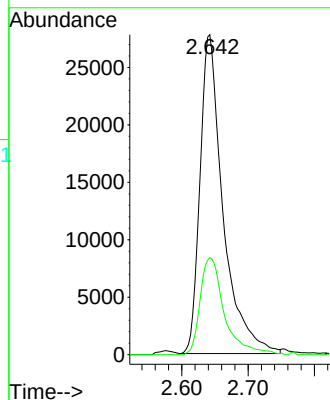
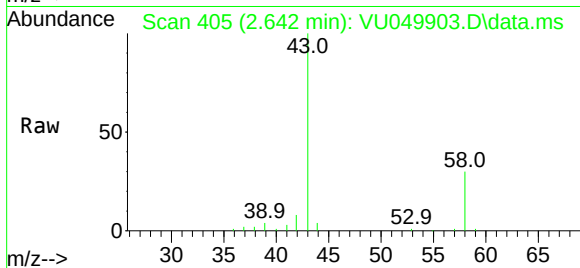
GBJ15MSD

Tgt Ion: 43 Resp: 66843

Ion Ratio Lower Upper

43 100

58 32.1 0.0 61.0



#14

Carbon disulfide

Concen: 4.737 ug/L

RT: 2.793 min Scan# 452

Delta R.T. 0.003 min

Lab File: VU049903.D

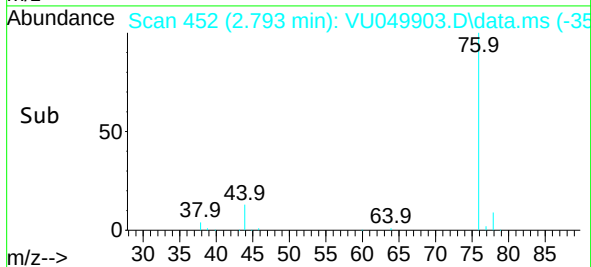
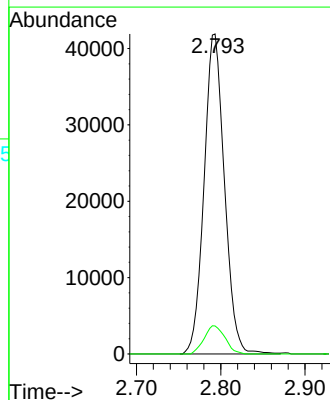
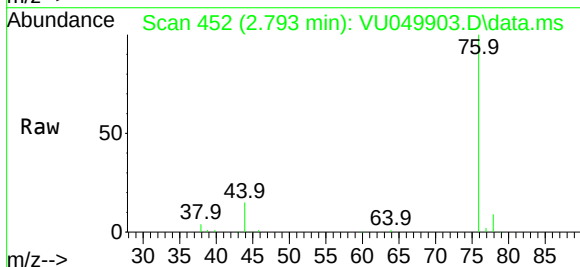
Acq: 26 Jul 2022 06:45

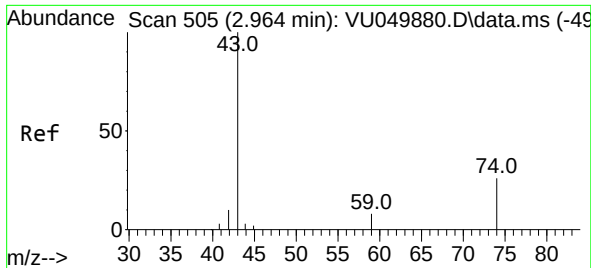
Tgt Ion: 76 Resp: 70614

Ion Ratio Lower Upper

76 100

78 8.7 7.8 11.6

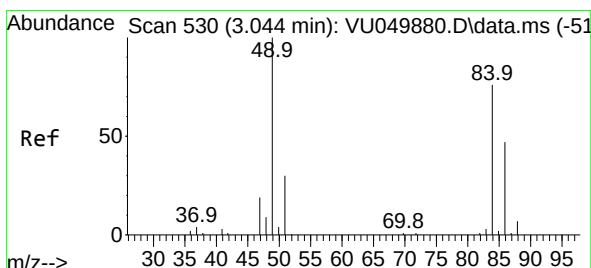
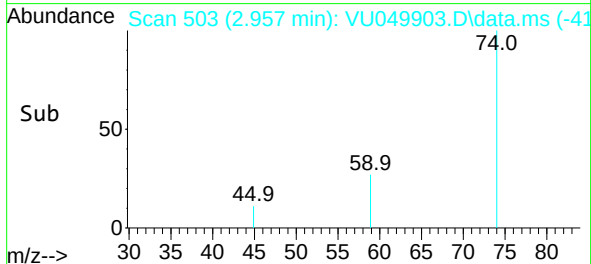
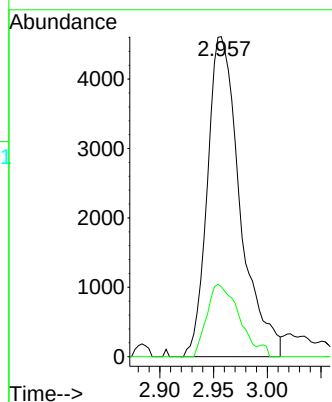
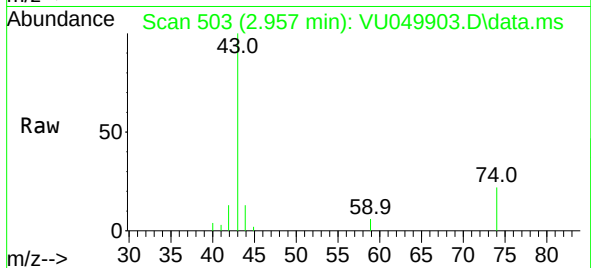




#15
Methyl Acetate
Concen: 3.061 ug/L
RT: 2.957 min Scan# 505
Delta R.T. -0.007 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

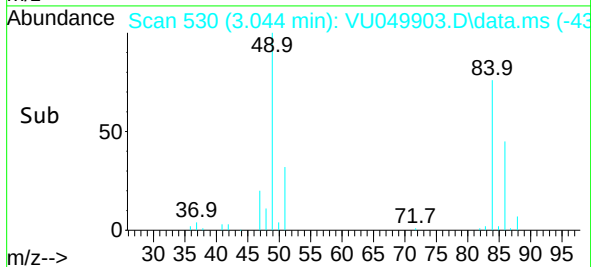
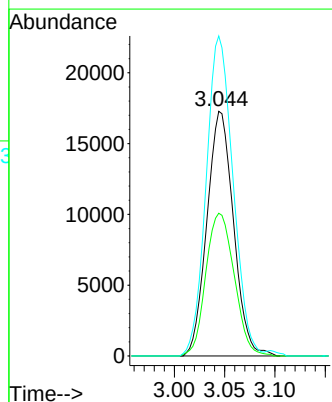
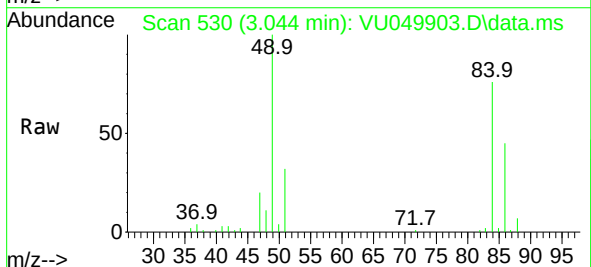
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

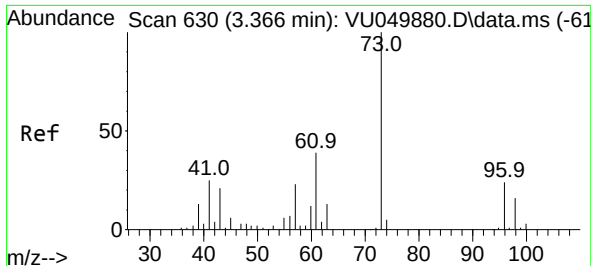
Tgt Ion: 43 Resp: 9749
Ion Ratio Lower Upper
43 100
74 22.6 17.1 25.7



#16
Methylene chloride
Concen: 2.927 ug/L
RT: 3.044 min Scan# 530
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion: 84 Resp: 31804
Ion Ratio Lower Upper
84 100
86 58.4 45.5 84.5
49 130.8 94.1 174.8





#17

Methyl tert-butyl Ether

Concen: 4.730 ug/L

RT: 3.366 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MSD

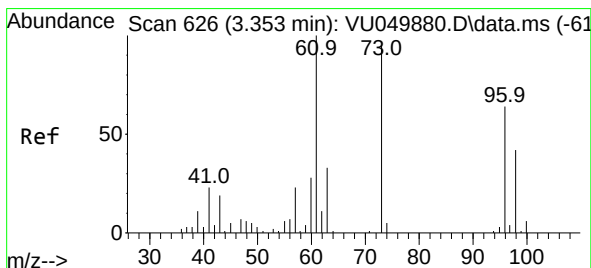
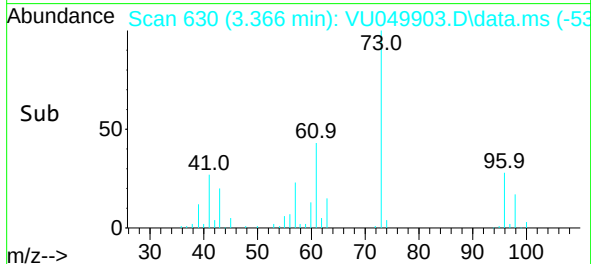
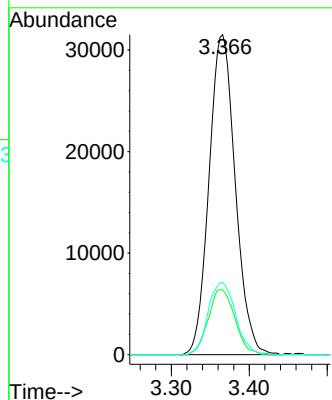
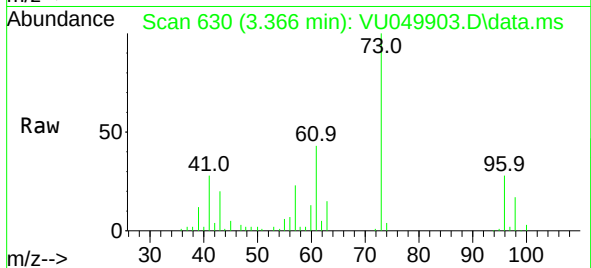
Tgt Ion: 73 Resp: 73830

Ion Ratio Lower Upper

73 100

43 20.7 17.4 26.2

57 23.5 18.7 28.1



#18

trans-1,2-Dichloroethene

Concen: 4.788 ug/L

RT: 3.353 min Scan# 626

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

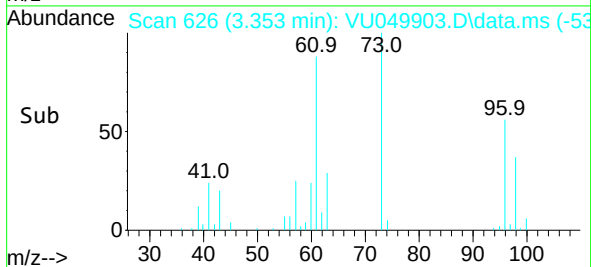
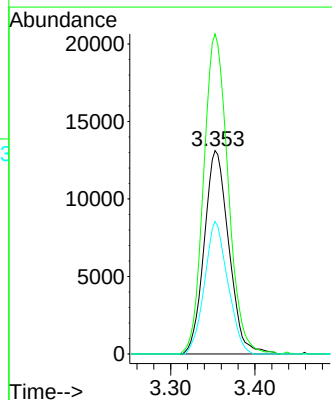
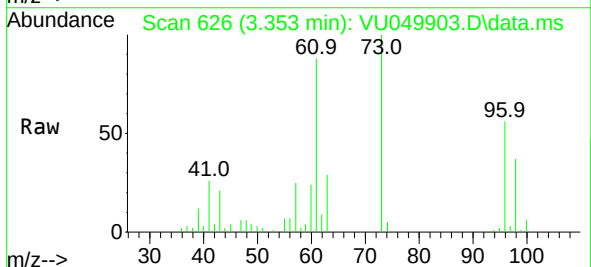
Tgt Ion: 96 Resp: 26661

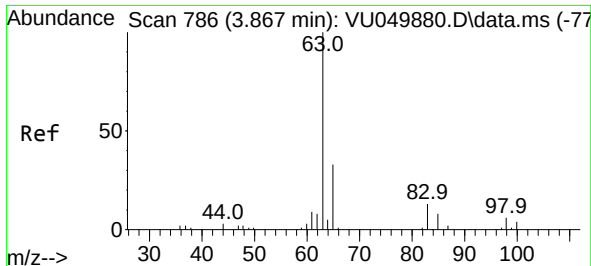
Ion Ratio Lower Upper

96 100

61 157.3 101.5 188.5

98 65.2 42.5 78.9





#19

1,1-Dichloroethane

Concen: 5.579 ug/L

RT: 3.870 min Scan# 7

Delta R.T. 0.003 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MSD

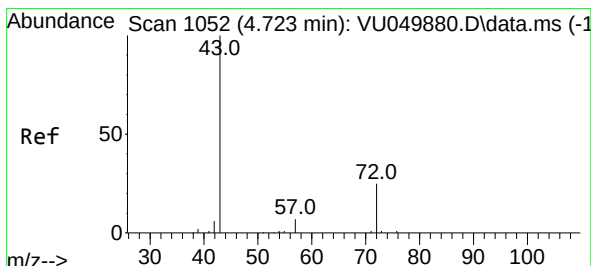
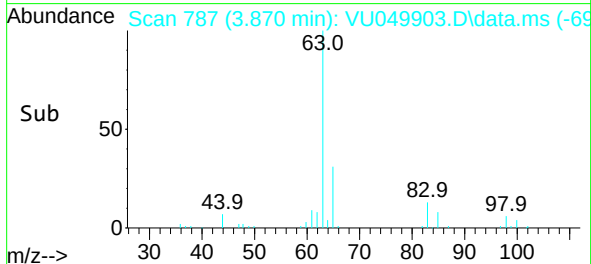
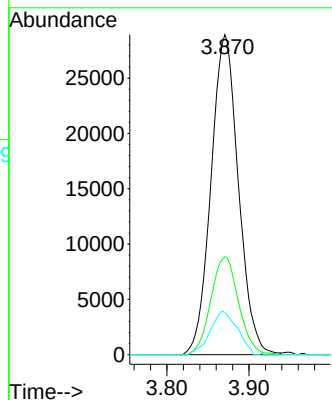
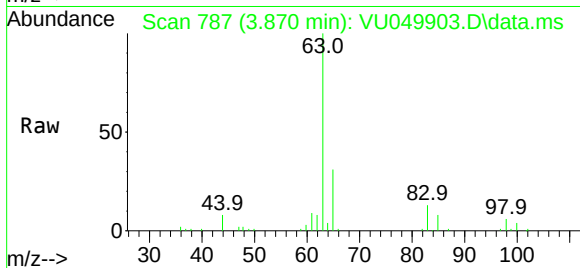
Tgt Ion: 63 Resp: 67146

Ion Ratio Lower Upper

63 100

65 30.6 22.5 41.9

83 13.3 8.3 15.5



#21

2-Butanone

Concen: 50.944 ug/L

RT: 4.710 min Scan# 1048

Delta R.T. -0.013 min

Lab File: VU049903.D

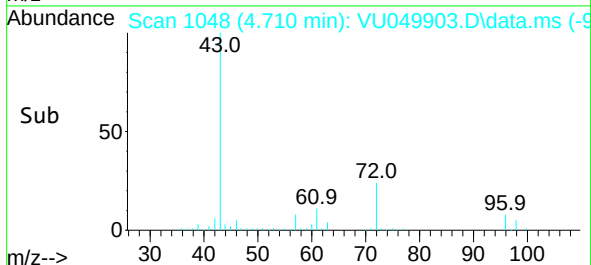
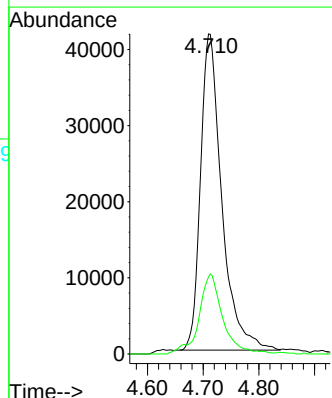
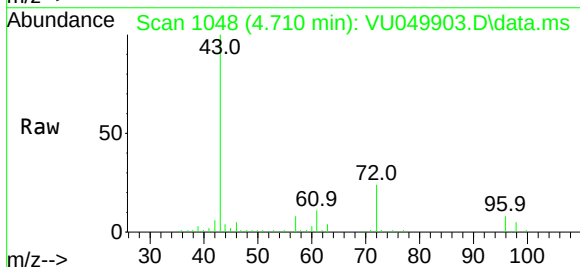
Acq: 26 Jul 2022 06:45

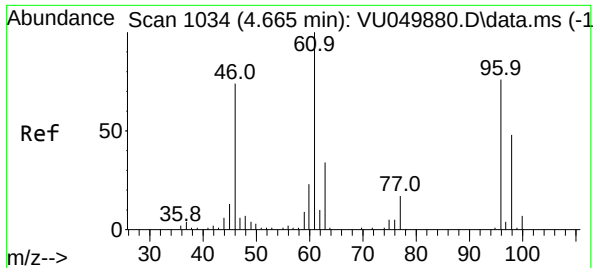
Tgt Ion: 43 Resp: 110378

Ion Ratio Lower Upper

43 100

72 28.1 11.9 35.5

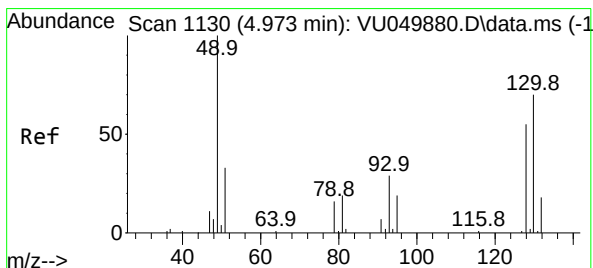
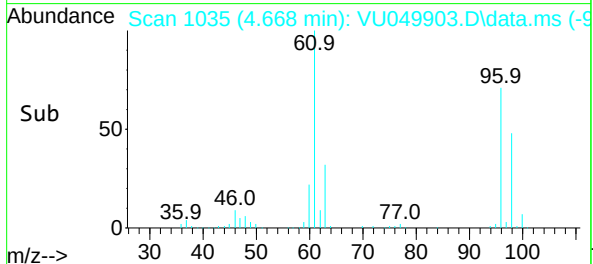
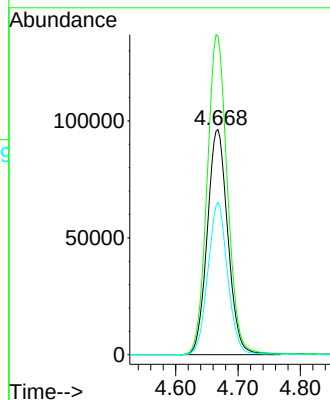
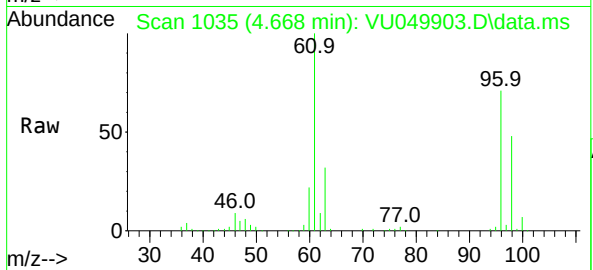




#22
cis-1,2-Dichloroethene
Concen: 34.247 ug/L
RT: 4.668 min Scan# 1103
Delta R.T. 0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

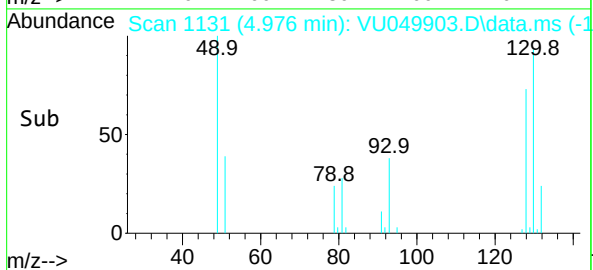
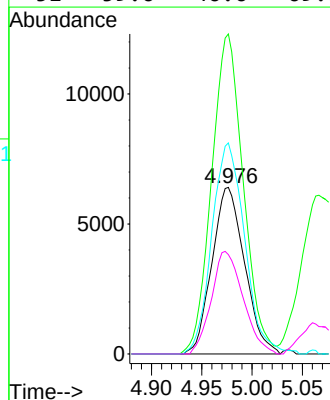
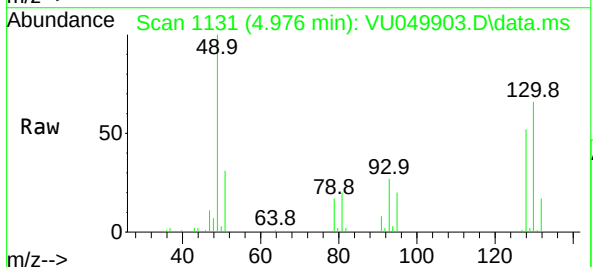
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

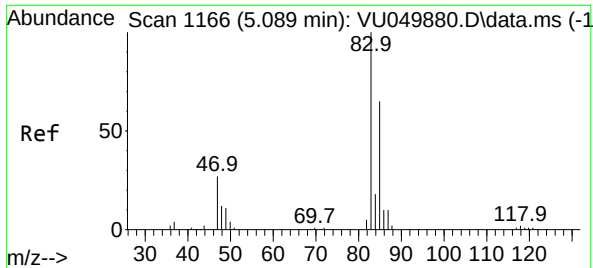
Tgt Ion: 96 Resp: 220900
Ion Ratio Lower Upper
96 100
61 141.4 93.9 174.3
98 67.6 43.9 81.5



#23
Bromochloromethane
Concen: 5.006 ug/L
RT: 4.976 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion:128 Resp: 14425
Ion Ratio Lower Upper
128 100
49 192.1 124.9 232.1
130 126.7 88.5 164.3
51 59.6 46.6 69.8

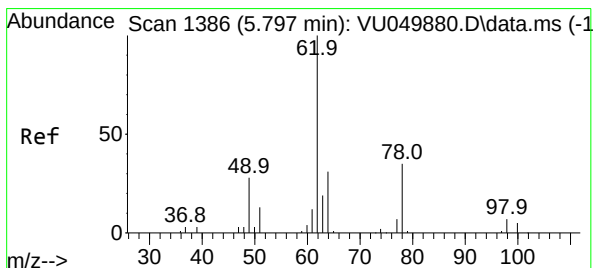
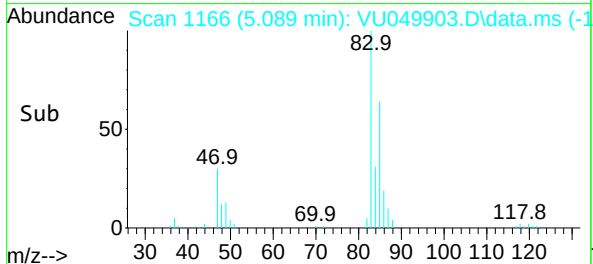
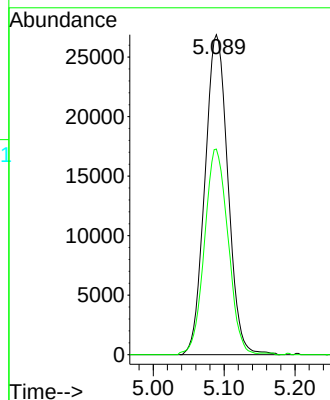
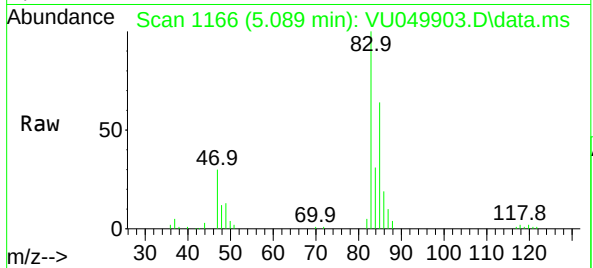




#25
Chloroform
Concen: 4.746 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

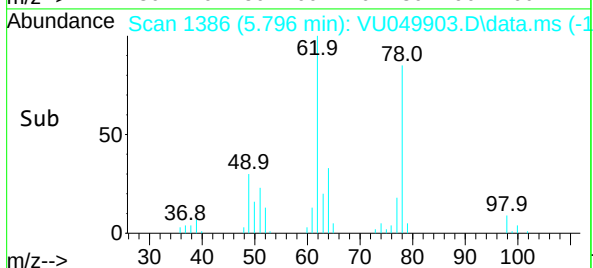
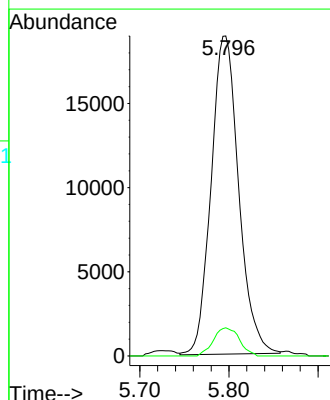
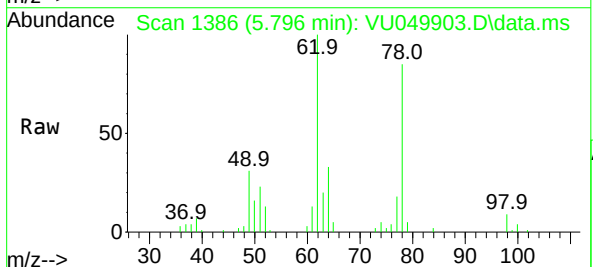
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

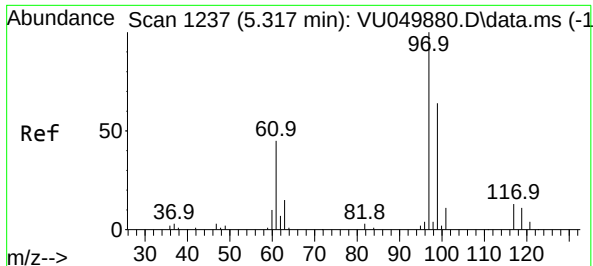
Tgt Ion: 83 Resp: 60598
Ion Ratio Lower Upper
83 100
85 64.3 45.5 84.5



#27
1,2-Dichloroethane
Concen: 4.629 ug/L
RT: 5.796 min Scan# 1386
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion: 62 Resp: 40596
Ion Ratio Lower Upper
62 100
98 8.8 5.9 8.9





#29

1,1,1-Trichloroethane

Concen: 5.149 ug/L

RT: 5.314 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MSD

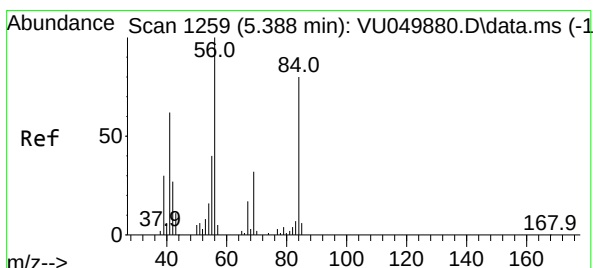
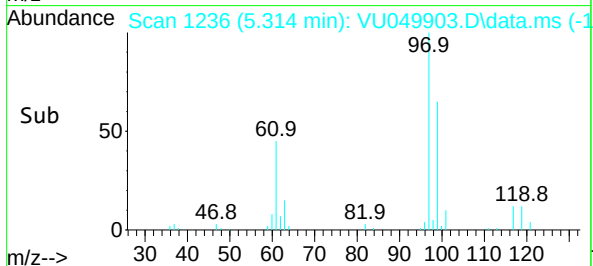
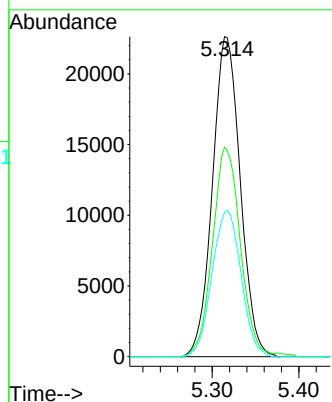
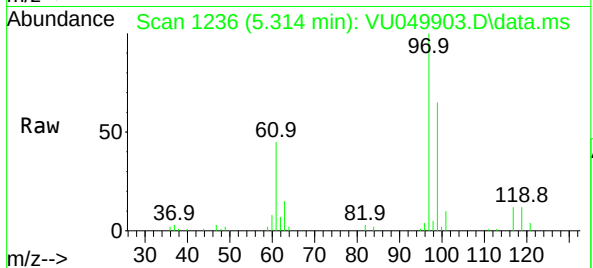
Tgt Ion: 97 Resp: 50449

Ion Ratio Lower Upper

97 100

99 65.5 51.8 77.8

61 47.7 38.3 57.5



#30

Cyclohexane

Concen: 5.374 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

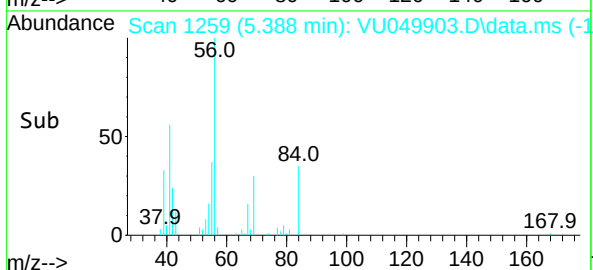
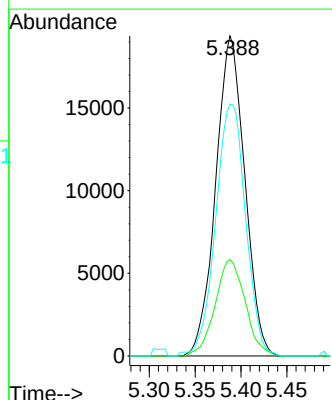
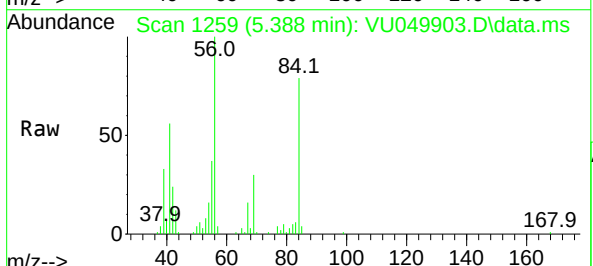
Tgt Ion: 56 Resp: 42636

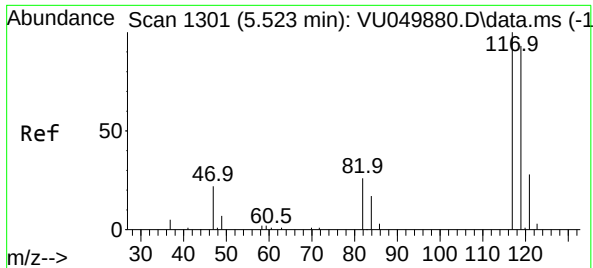
Ion Ratio Lower Upper

56 100

69 31.2 22.8 34.2

84 81.4 63.0 94.6

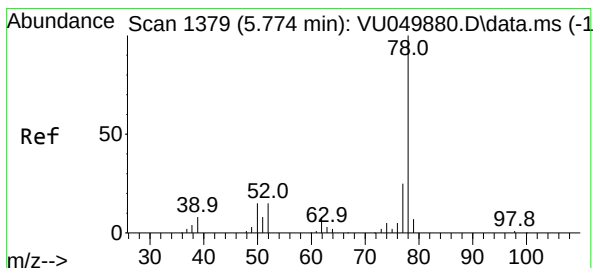
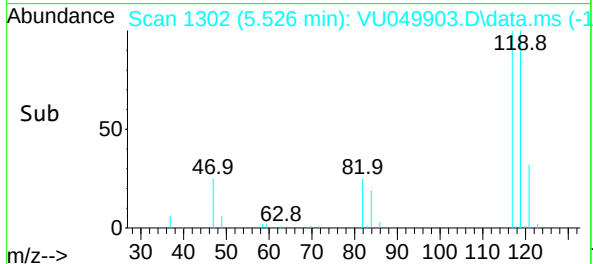
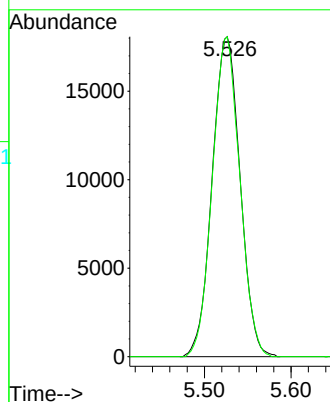
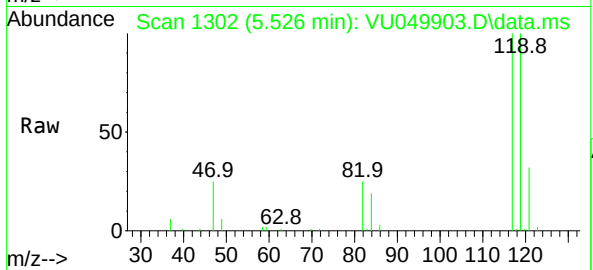




#31
Carbon tetrachloride
Concen: 5.089 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

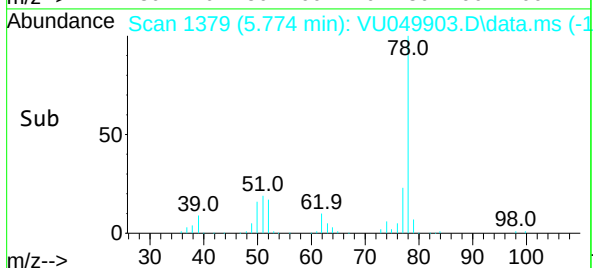
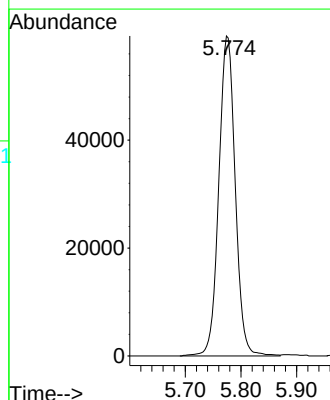
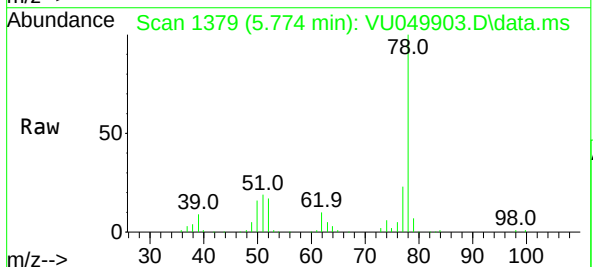
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

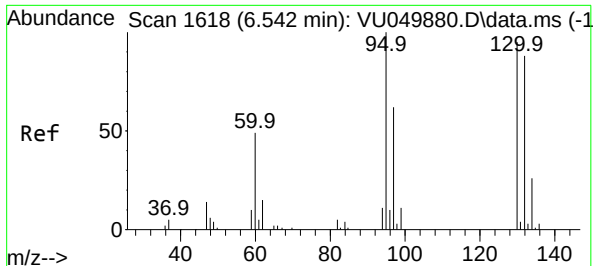
Tgt Ion:117 Resp: 40494
Ion Ratio Lower Upper
117 100
119 98.3 75.2 112.8



#33
Benzene
Concen: 4.805 ug/L
RT: 5.774 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion: 78 Resp: 121711

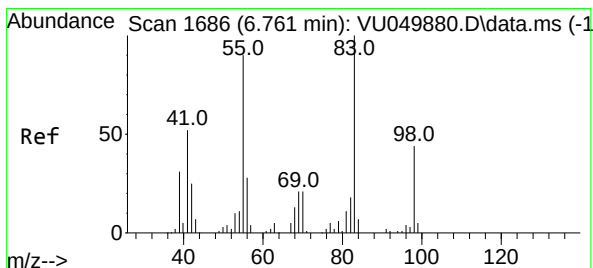
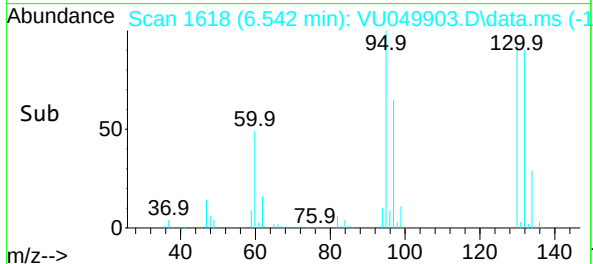
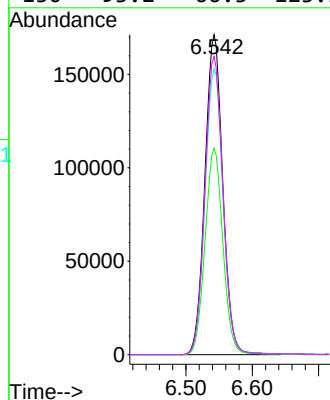
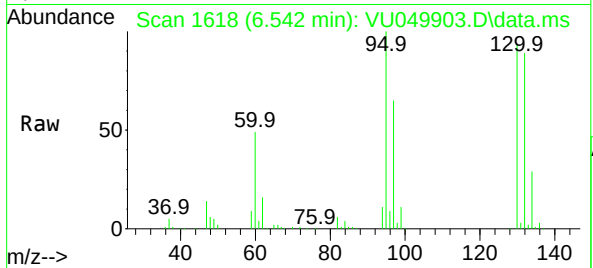




#34
Trichloroethene
Concen: 52.377 ug/L
RT: 6.542 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

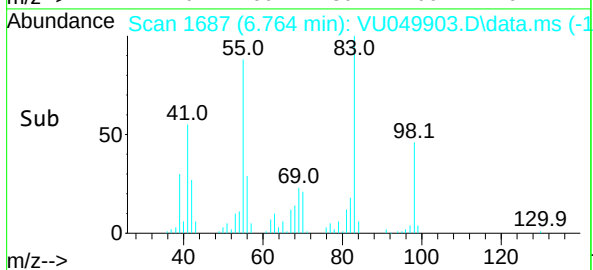
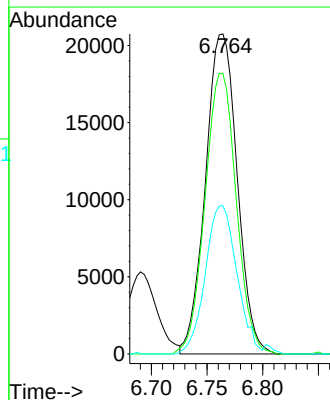
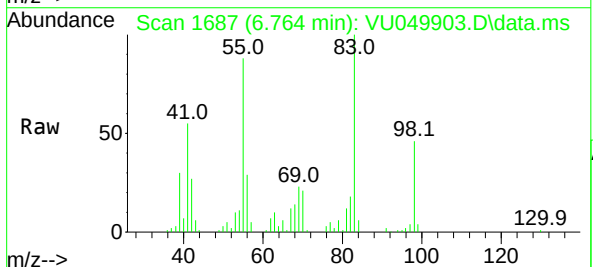
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

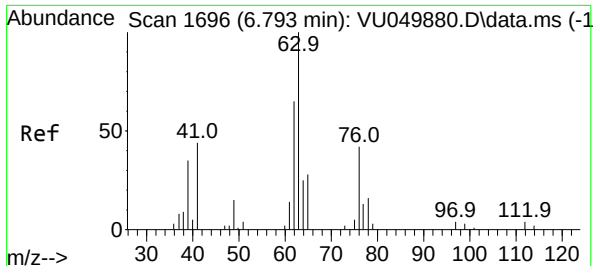
Tgt Ion: 95 Resp: 321654
Ion Ratio Lower Upper
95 100
97 64.5 46.8 86.8
132 89.4 61.8 114.8
130 93.2 66.3 123.1



#35
Methylcyclohexane
Concen: 5.438 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion: 83 Resp: 41191
Ion Ratio Lower Upper
83 100
55 86.4 69.0 103.4
98 46.0 36.4 54.6





#37

1,2-Dichloropropane

Concen: 4.835 ug/L

RT: 6.790 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

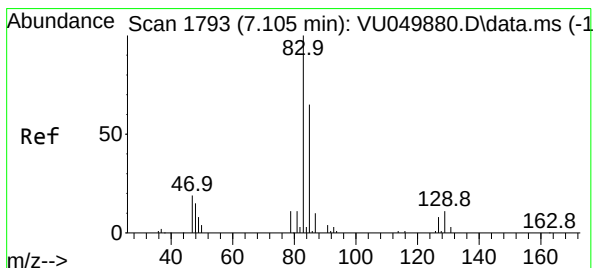
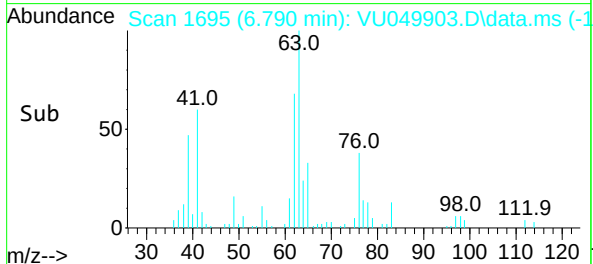
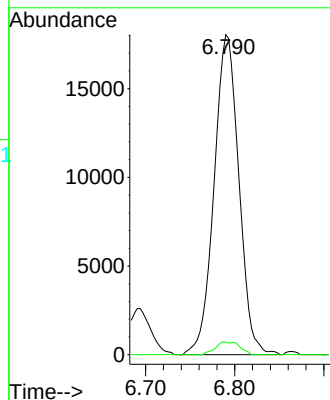
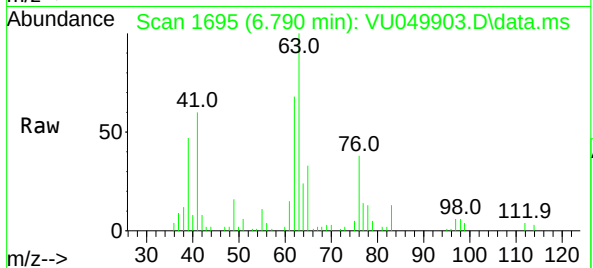
GBJ15MSD

Tgt Ion: 63 Resp: 34905

Ion Ratio Lower Upper

63 100

112 3.9 2.8 4.2



#38

Bromodichloromethane

Concen: 4.845 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

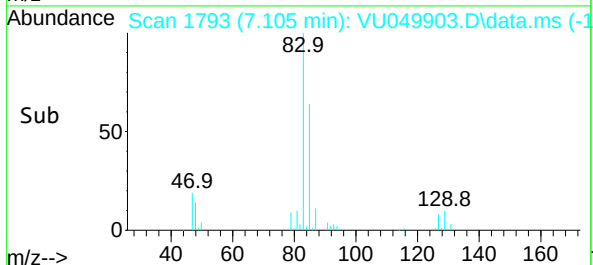
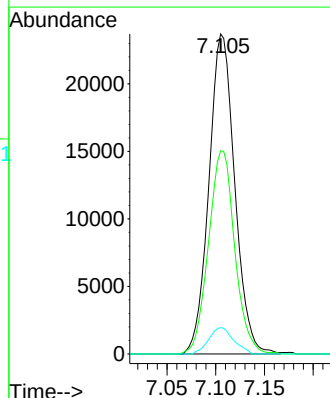
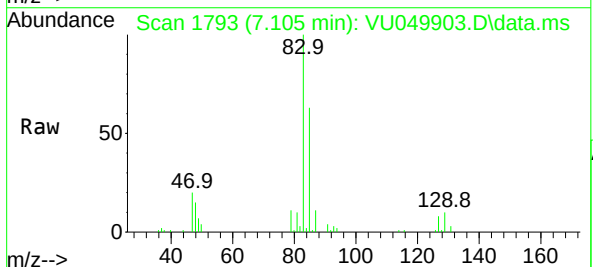
Tgt Ion: 83 Resp: 43697

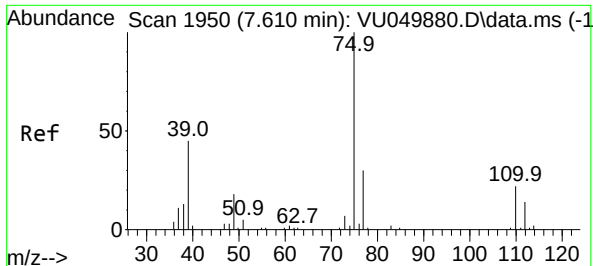
Ion Ratio Lower Upper

83 100

85 63.5 45.9 85.3

127 8.2 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 4.167 ug/L

RT: 7.607 min Scan# 1949

Delta R.T. -0.003 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

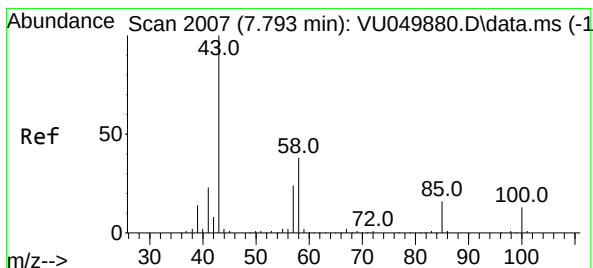
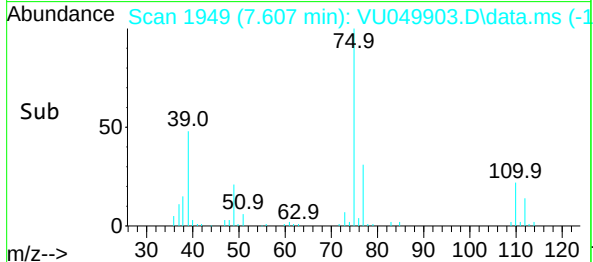
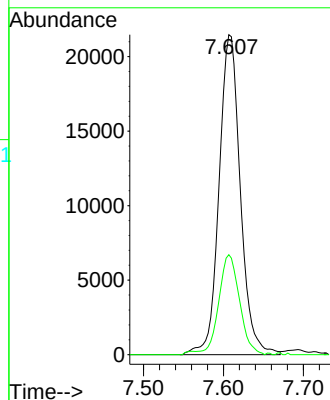
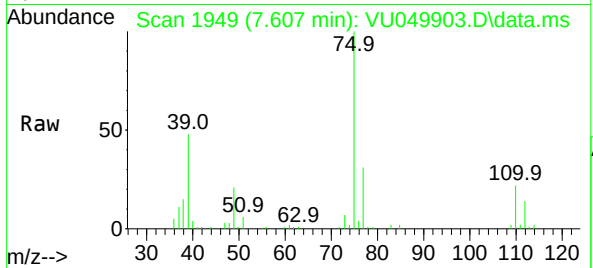
GBJ15MSD

Tgt Ion: 75 Resp: 39640

Ion Ratio Lower Upper

75 100

77 31.3 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 51.334 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

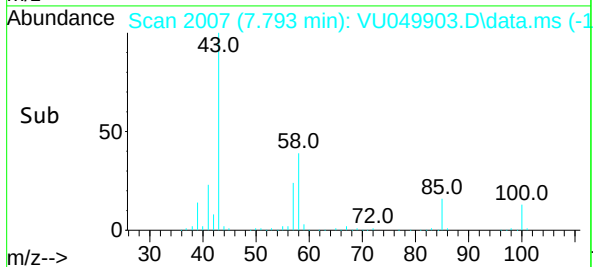
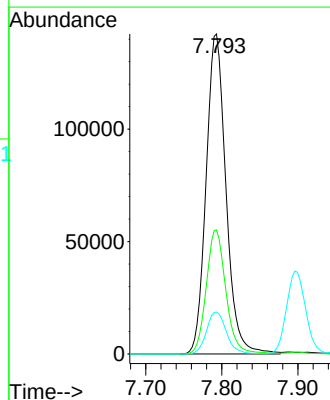
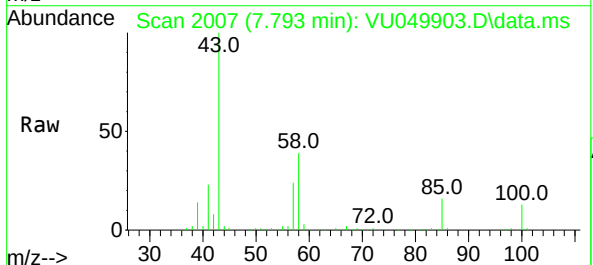
Tgt Ion: 43 Resp: 258474

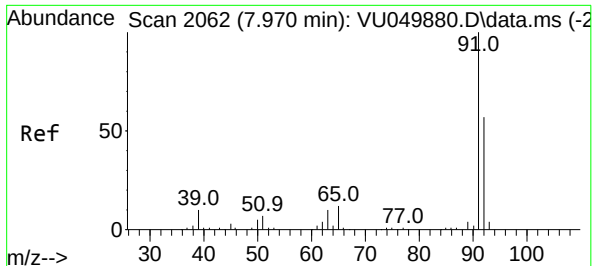
Ion Ratio Lower Upper

43 100

58 38.3 31.0 46.4

100 13.1 10.4 15.6





#42

Toluene

Concen: 4.915 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

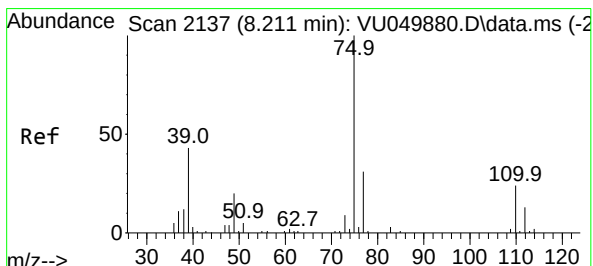
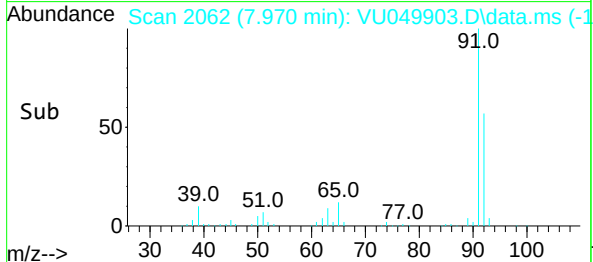
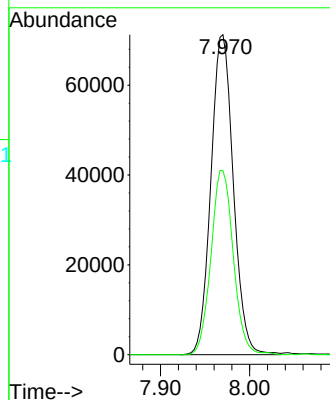
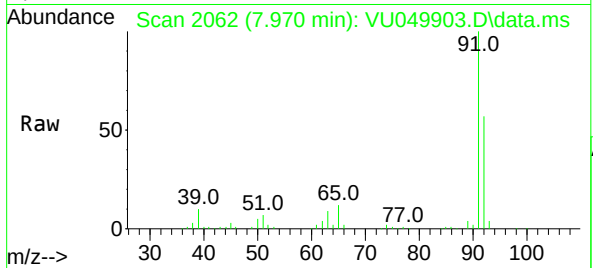
GBJ15MSD

Tgt Ion: 91 Resp: 124501

Ion Ratio Lower Upper

91 100

92 57.5 39.5 73.4



#44

trans-1,3-Dichloropropene

Concen: 4.227 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU049903.D

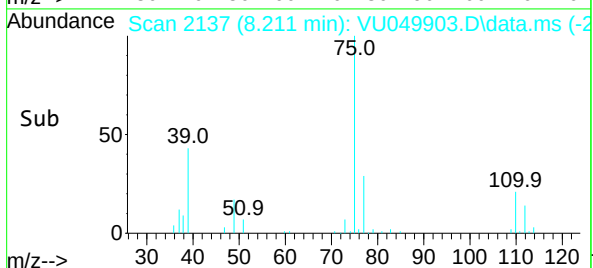
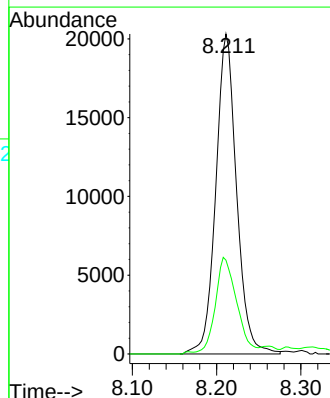
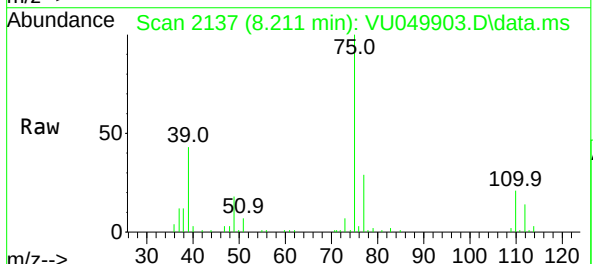
Acq: 26 Jul 2022 06:45

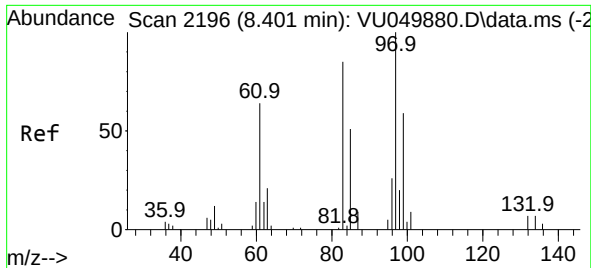
Tgt Ion: 75 Resp: 34712

Ion Ratio Lower Upper

75 100

77 29.3 21.2 39.4

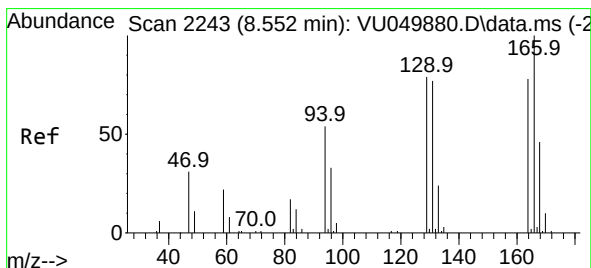
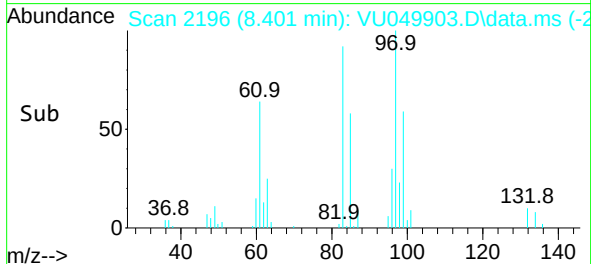
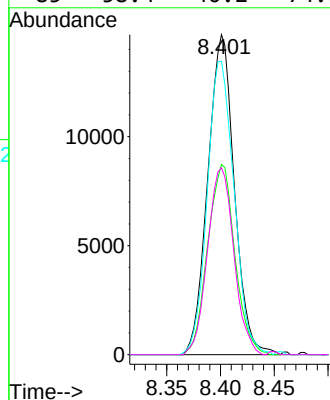
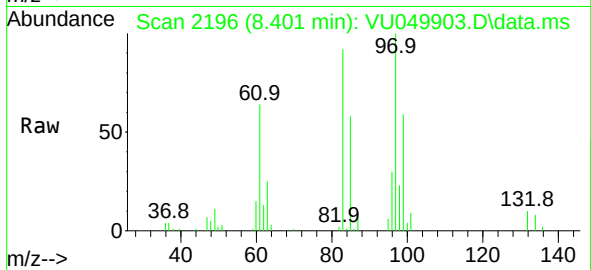




#45
1,1,2-Trichloroethane
Concen: 4.891 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

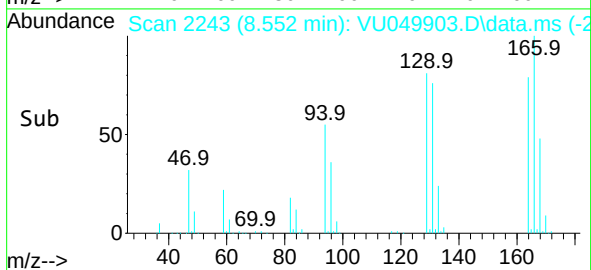
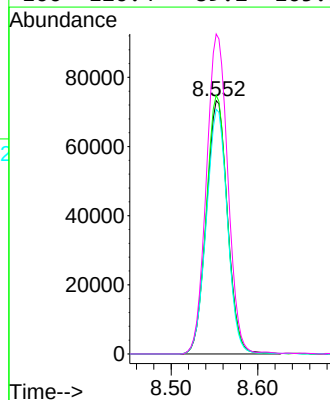
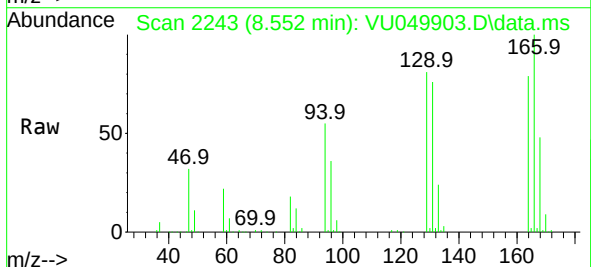
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

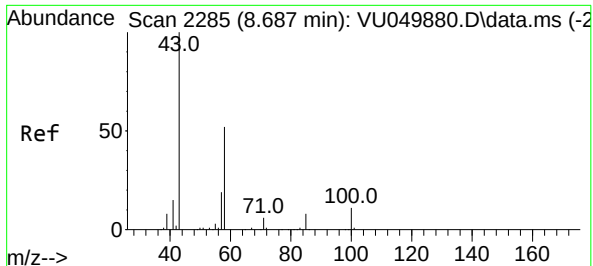
Tgt Ion: 97	Resp: 25197
Ion Ratio	Lower Upper
97 100	
99 59.4	43.8 81.3
83 91.8	62.4 115.8
85 58.4	40.2 74.6



#47
Tetrachloroethene
Concen: 29.492 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt	Ion:164	Resp:	124673
Ion	Ratio	Lower	Upper
164	100		
129	102.2	68.9	127.9
131	96.6	67.5	125.4
166	126.4	89.2	165.8

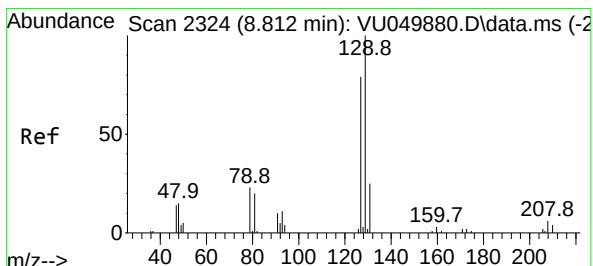
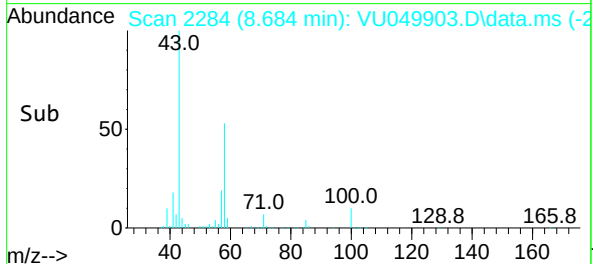
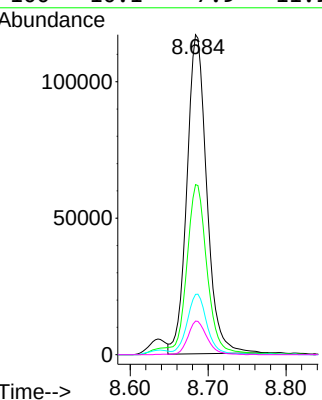
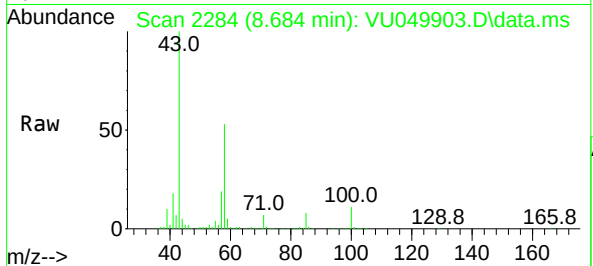




#48
2-Hexanone
Concen: 55.165 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

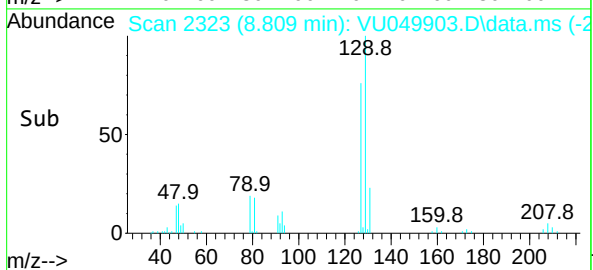
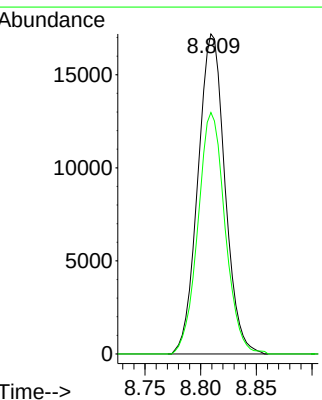
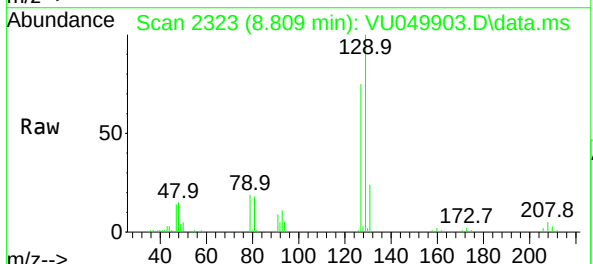
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

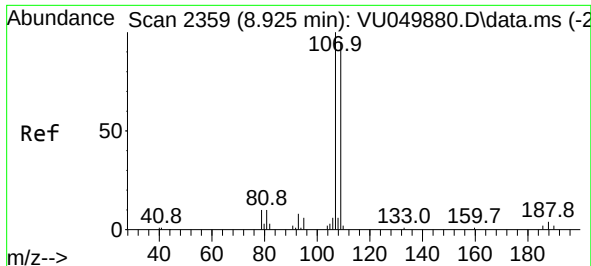
Tgt Ion: 43 Resp: 207311
Ion Ratio Lower Upper
43 100
58 55.9 42.1 63.1
57 18.8 14.3 21.5
100 10.1 7.9 11.9



#49
Dibromochloromethane
Concen: 5.040 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion: 129 Resp: 29024
Ion Ratio Lower Upper
129 100
127 75.5 50.5 93.7





#50

1,2-Dibromoethane

Concen: 4.997 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MSD

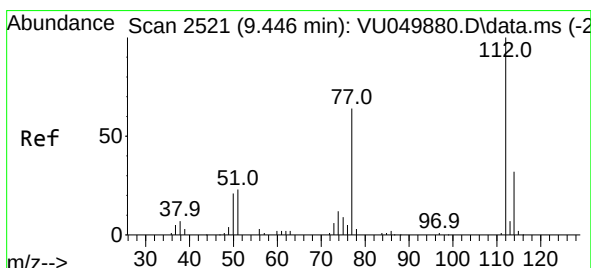
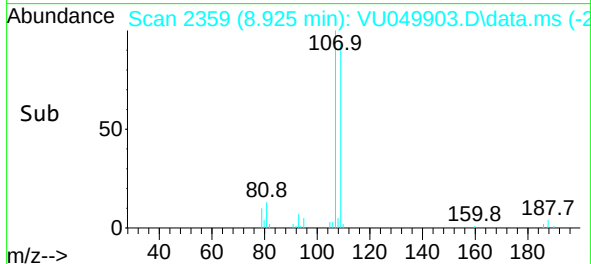
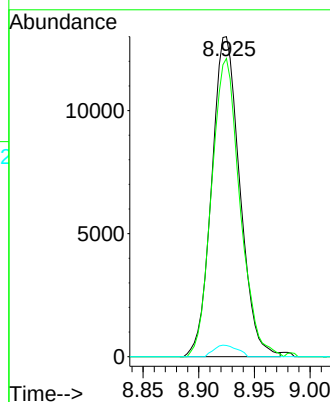
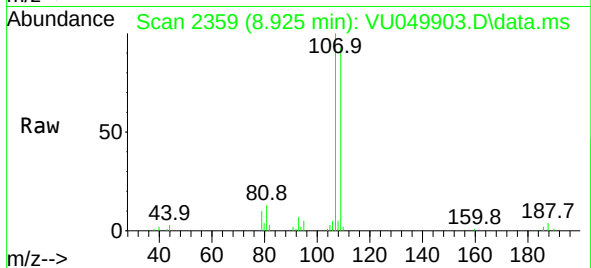
Tgt Ion:107 Resp: 22864

Ion Ratio Lower Upper

107 100

109 93.2 65.6 121.8

188 3.5 2.8 4.2



#51

Chlorobenzene

Concen: 4.735 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

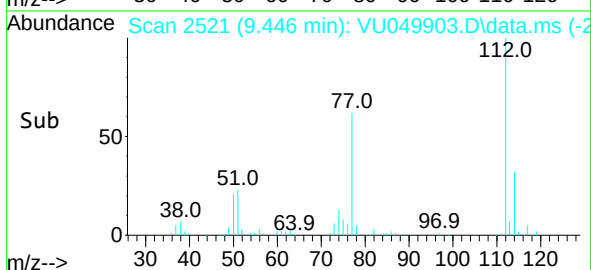
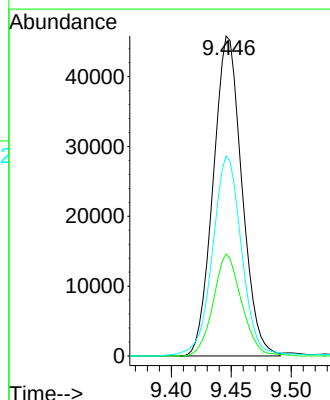
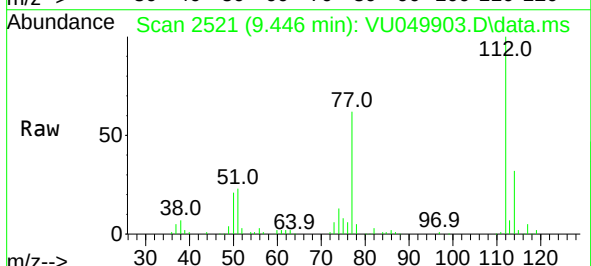
Tgt Ion:112 Resp: 76156

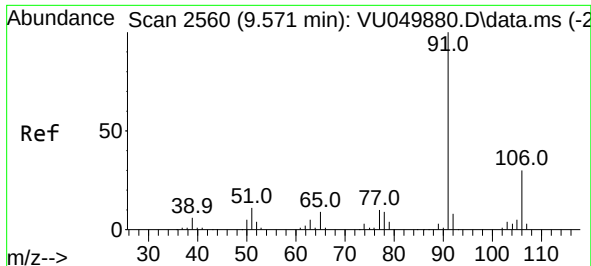
Ion Ratio Lower Upper

112 100

114 31.8 22.4 41.6

77 62.5 51.2 76.8

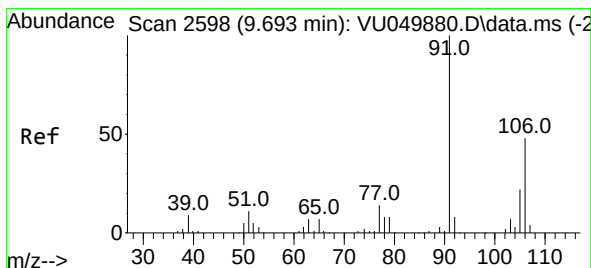
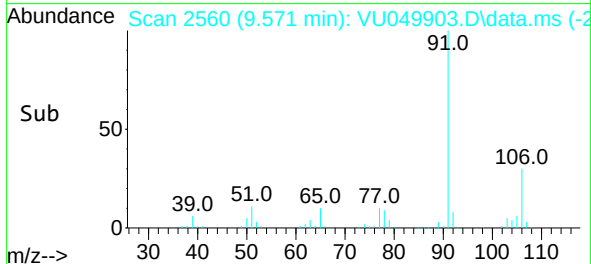
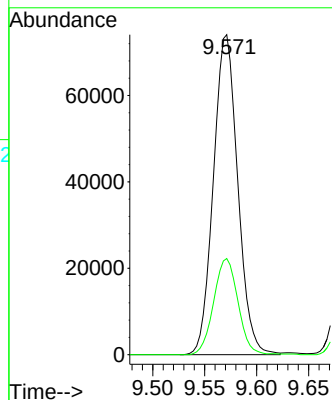
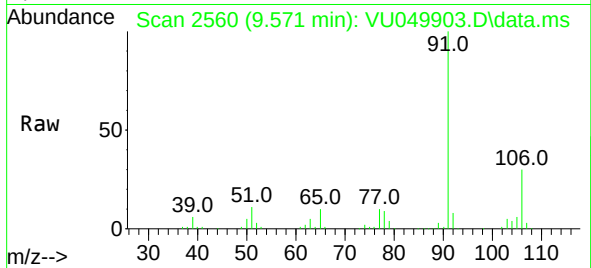




#52
Ethylbenzene
Concen: 4.638 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

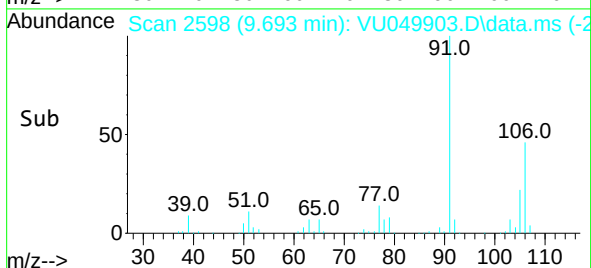
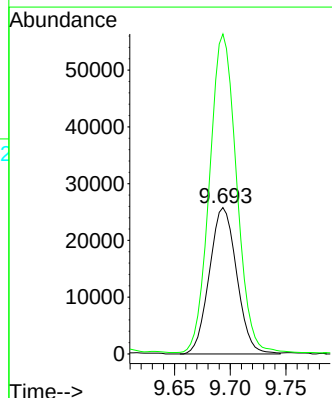
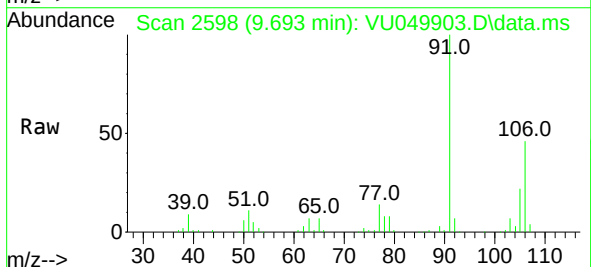
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

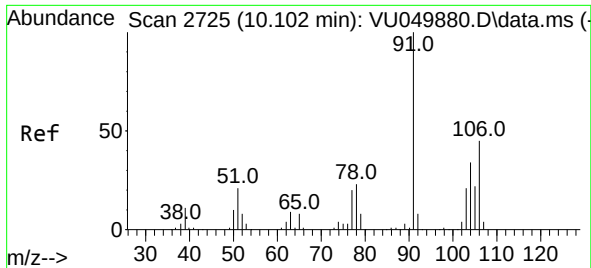
Tgt Ion: 91 Resp: 120816
Ion Ratio Lower Upper
91 100
106 30.0 20.6 38.4



#53
m,p-Xylene
Concen: 4.584 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion: 106 Resp: 43925
Ion Ratio Lower Upper
106 100
91 218.5 149.7 277.9

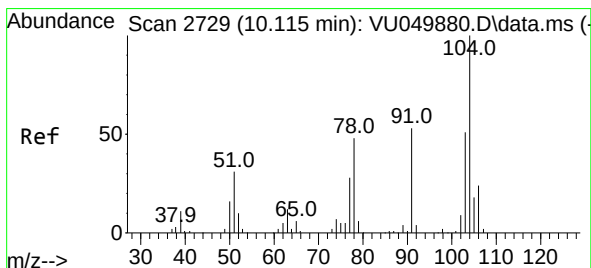
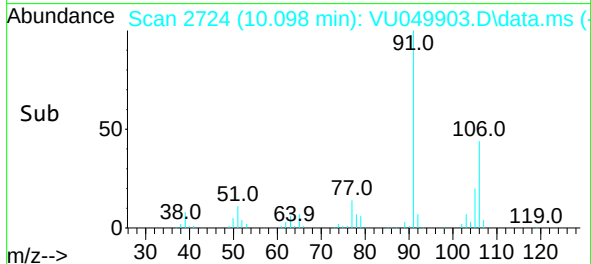
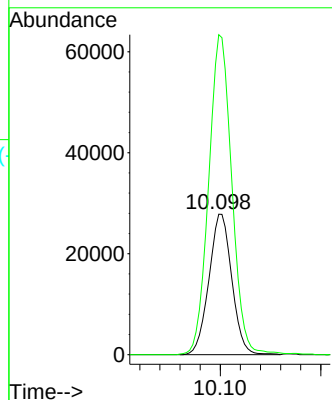
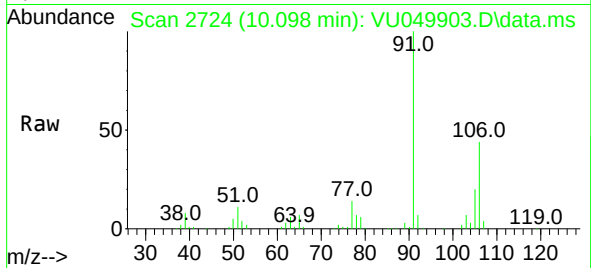




#54
o-Xylene
Concen: 4.640 ug/L
RT: 10.098 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

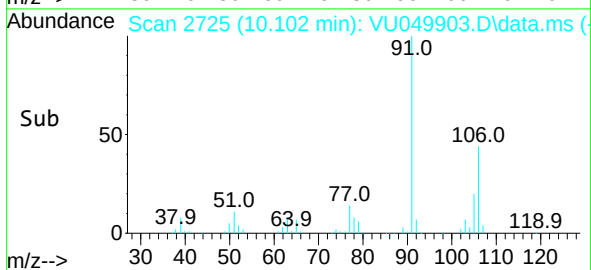
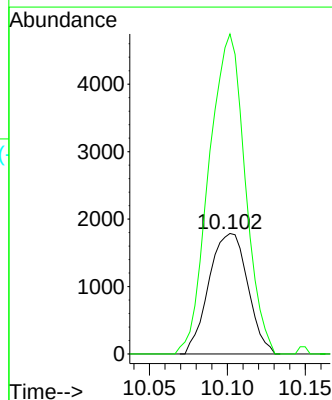
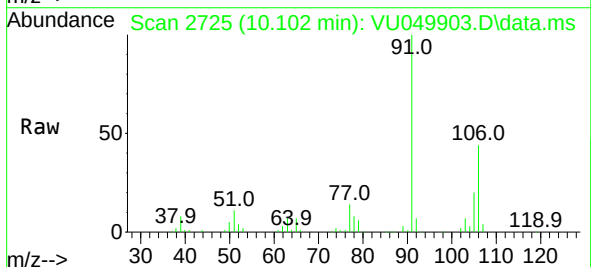
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

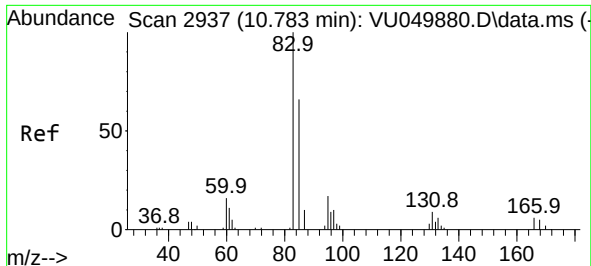
Tgt Ion:106 Resp: 43934
Ion Ratio Lower Upper
106 100
91 227.7 159.4 296.0



#55
Styrene
Concen: 0.193 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.013 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion:104 Resp: 3097
Ion Ratio Lower Upper
104 100
78 265.7 35.1 65.3#





#57

1,1,2,2-Tetrachloroethane

Concen: 5.046 ug/L

RT: 10.780 min Scan# 2937

Delta R.T. -0.003 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MSD

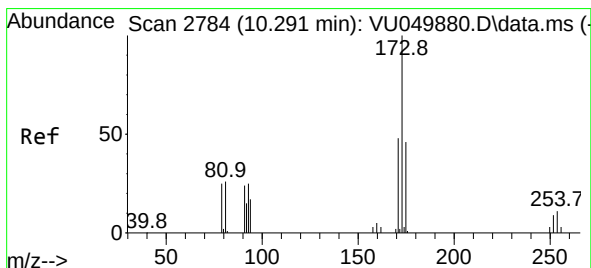
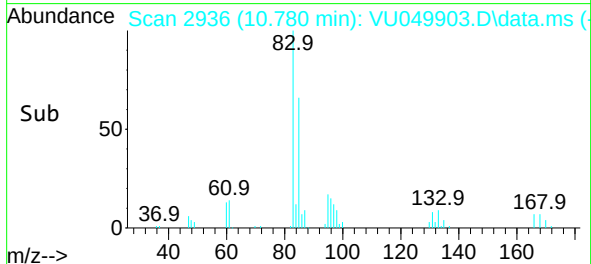
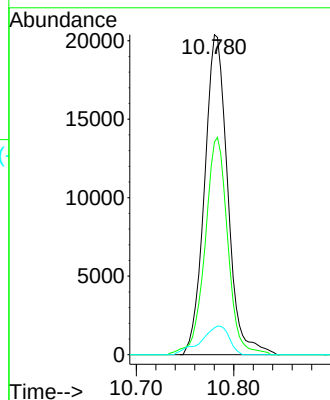
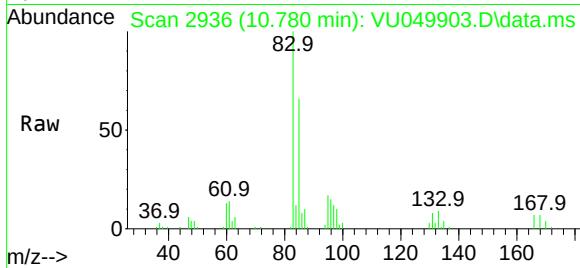
Tgt Ion: 83 Resp: 33577

Ion Ratio Lower Upper

83 100

85 66.5 47.9 89.1

131 8.4 7.3 10.9



#59

Bromoform

Concen: 5.590 ug/L

RT: 10.291 min Scan# 2784

Delta R.T. -0.000 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

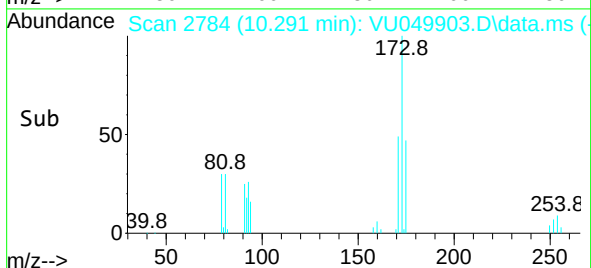
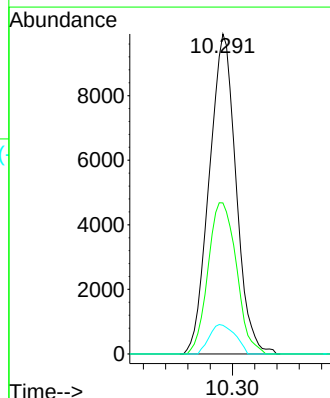
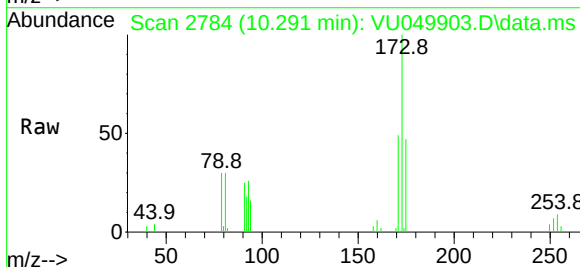
Tgt Ion:173 Resp: 16533

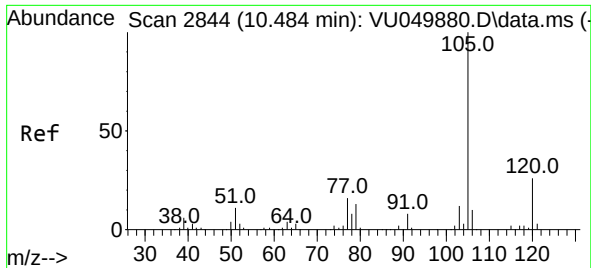
Ion Ratio Lower Upper

173 100

175 50.1 39.5 59.3

254 8.9 7.5 11.3

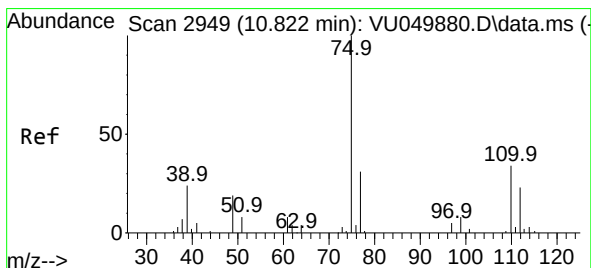
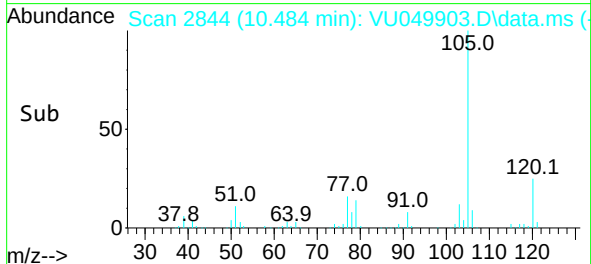
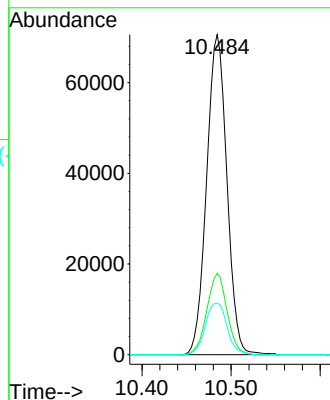
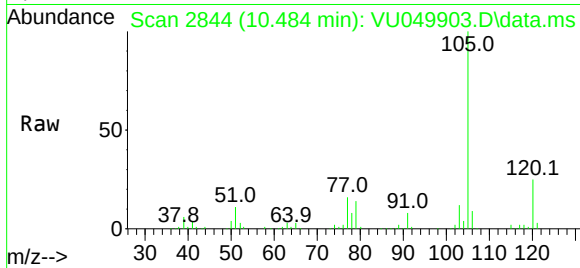




#60
Isopropylbenzene
Concen: 4.960 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

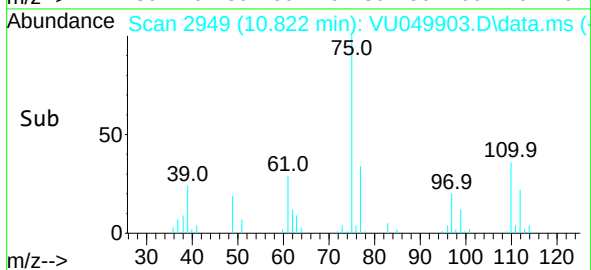
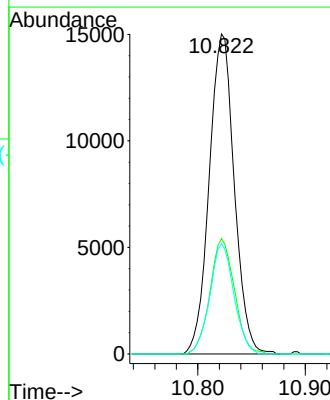
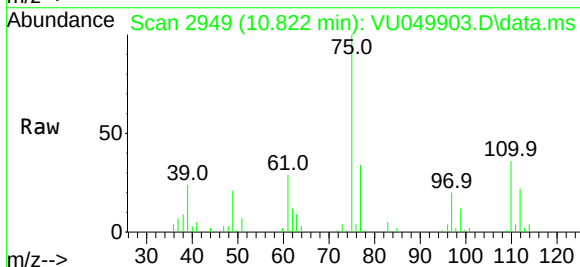
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

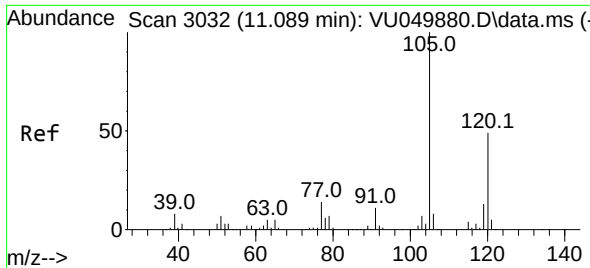
Tgt Ion:105 Resp: 111500
Ion Ratio Lower Upper
105 100
120 25.3 20.4 30.6
77 17.3 13.8 20.8



#61
1,2,3-Trichloropropane
Concen: 5.368 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion: 75 Resp: 24303
Ion Ratio Lower Upper
75 100
110 35.2 28.0 42.0
77 33.1 25.4 38.2

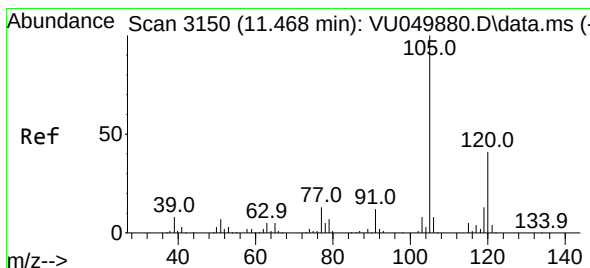
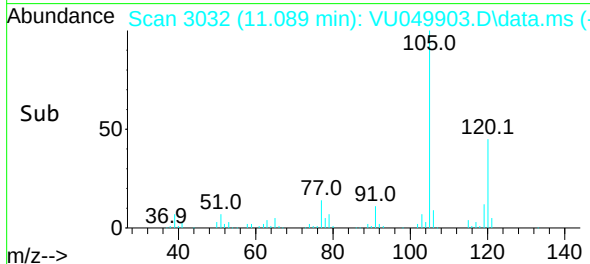
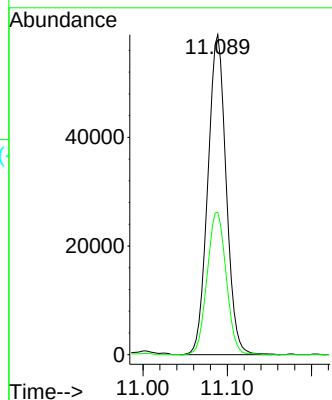
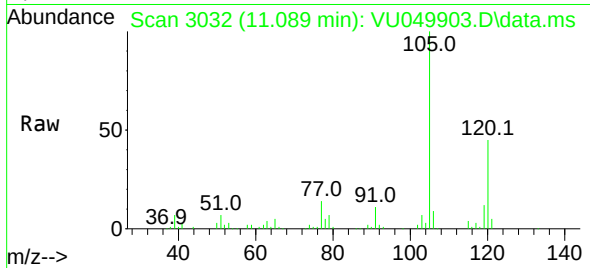




#62
1,3,5-Trimethylbenzene
Concen: 4.697 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

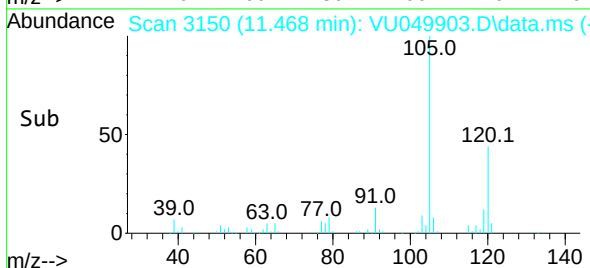
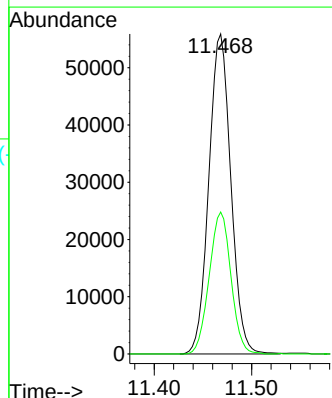
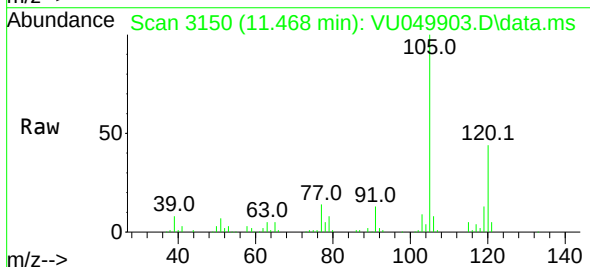
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

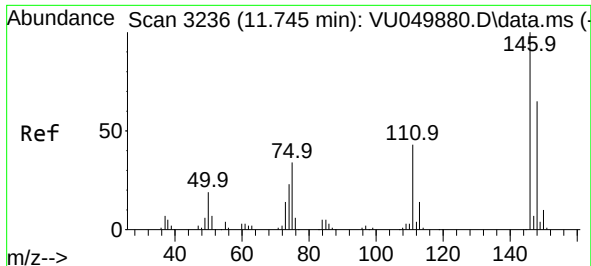
Tgt Ion:105 Resp: 89228
Ion Ratio Lower Upper
105 100
120 46.3 38.0 57.0



#63
1,2,4-Trimethylbenzene
Concen: 4.752 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion:105 Resp: 87619
Ion Ratio Lower Upper
105 100
120 43.8 34.2 51.4

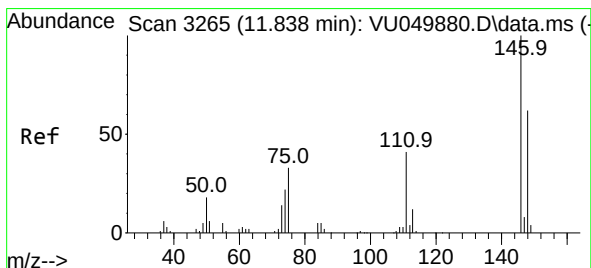
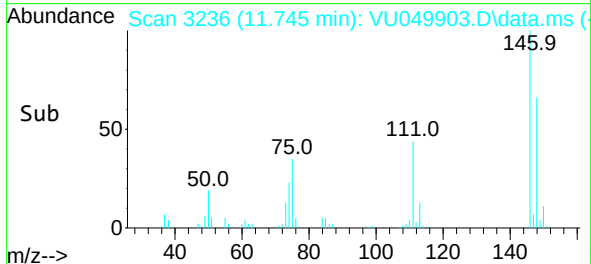
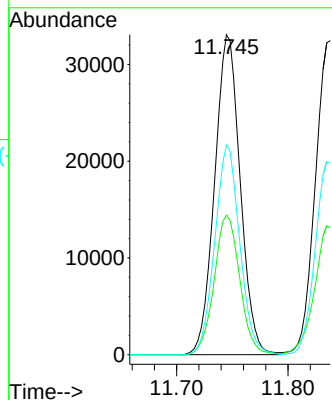
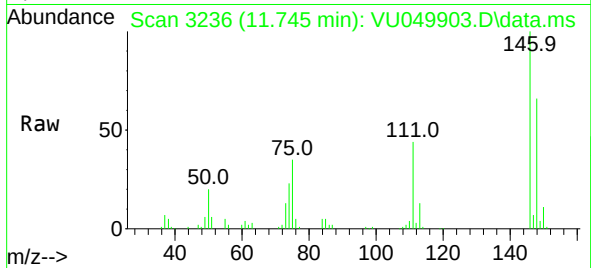




#64
1,3-Dichlorobenzene
Concen: 4.744 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

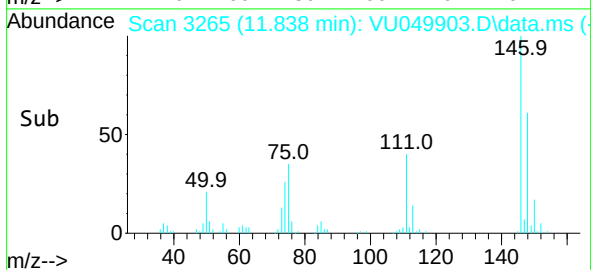
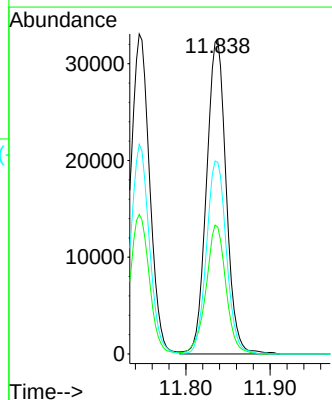
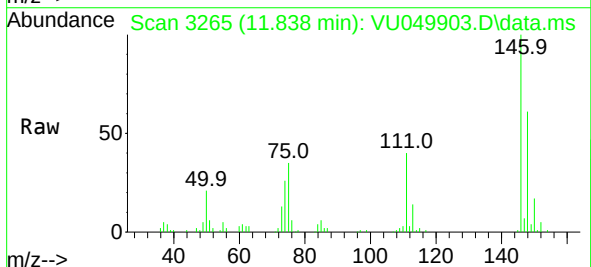
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

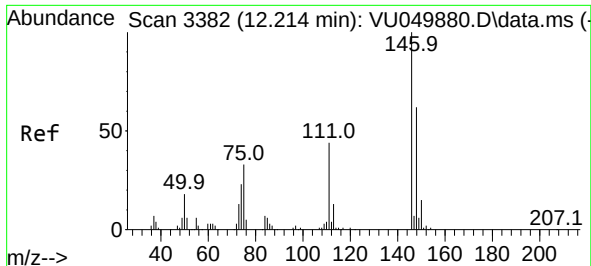
Tgt Ion:146 Resp: 52735
Ion Ratio Lower Upper
146 100
111 43.6 30.0 55.8
148 65.6 44.2 82.2



#65
1,4-Dichlorobenzene
Concen: 4.798 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion:146 Resp: 52759
Ion Ratio Lower Upper
146 100
111 40.4 29.5 54.7
148 61.0 44.1 81.9





#67

1,2-Dichlorobenzene

Concen: 4.928 ug/L

RT: 12.211 min Scan# 31

Delta R.T. -0.003 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

Instrument :

MSVOA_U

ClientSampleId :

GBJ15MSD

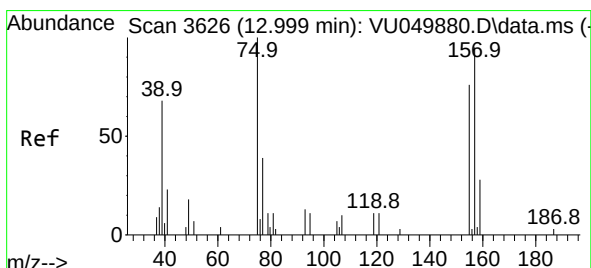
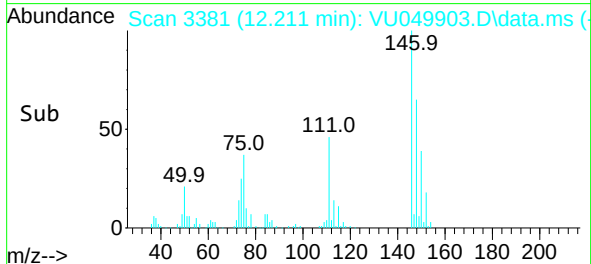
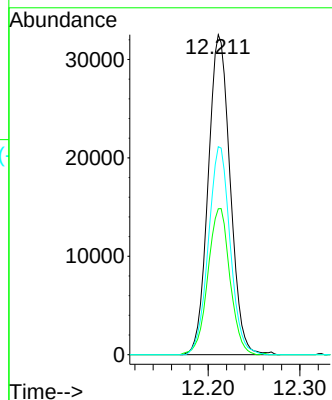
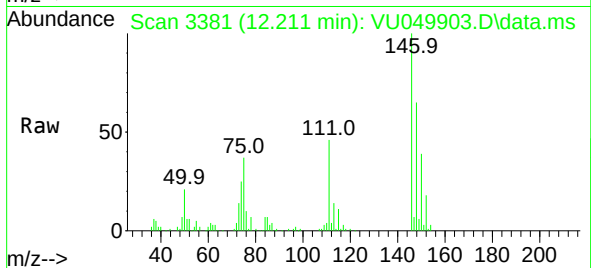
Tgt Ion:146 Resp: 54116

Ion Ratio Lower Upper

146 100

111 45.6 35.8 53.8

148 65.0 50.3 75.5



#68

1,2-Dibromo-3-chloropropane

Concen: 5.615 ug/L

RT: 12.995 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU049903.D

Acq: 26 Jul 2022 06:45

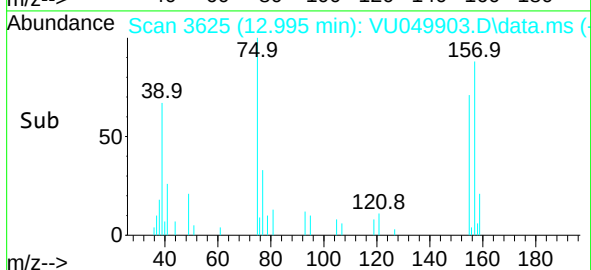
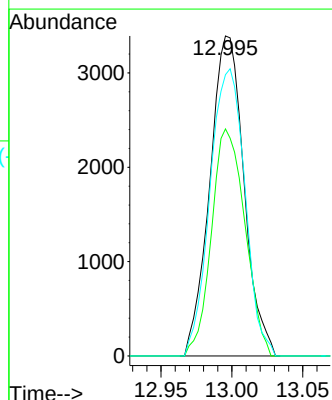
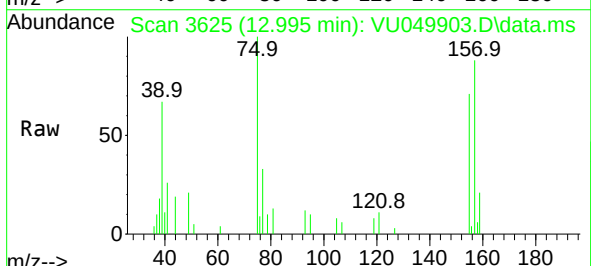
Tgt Ion: 75 Resp: 5687

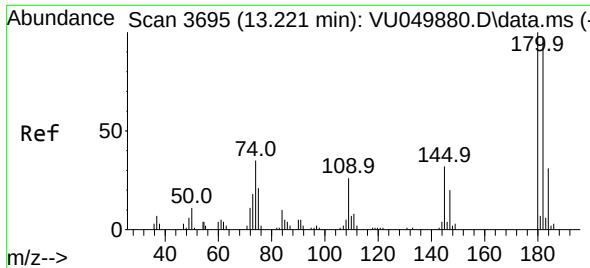
Ion Ratio Lower Upper

75 100

155 70.9 60.4 90.6

157 87.9 70.0 105.0

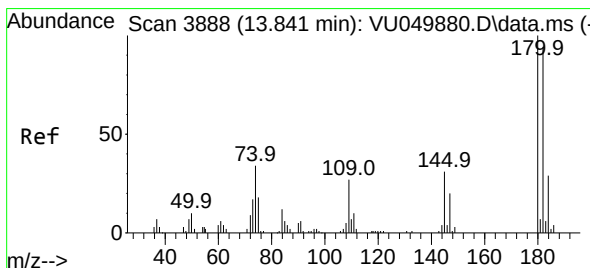
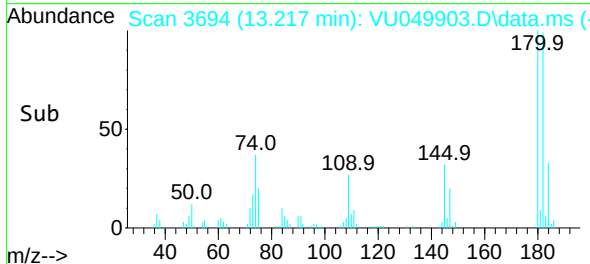
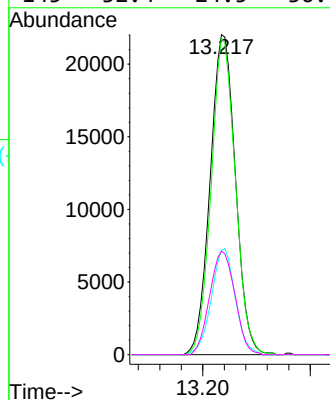
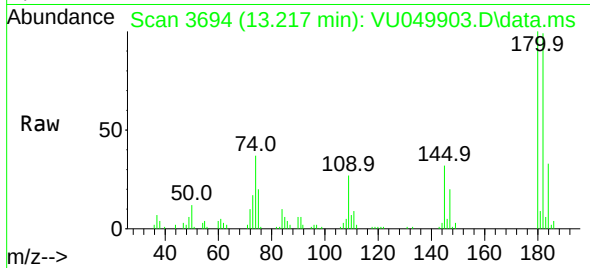




#69
1,3,5-Trichlorobenzene
Concen: 4.378 ug/L
RT: 13.217 min Scan# 30
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

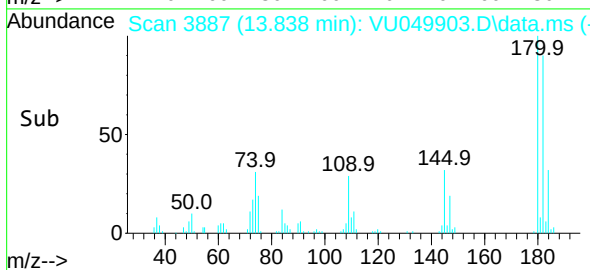
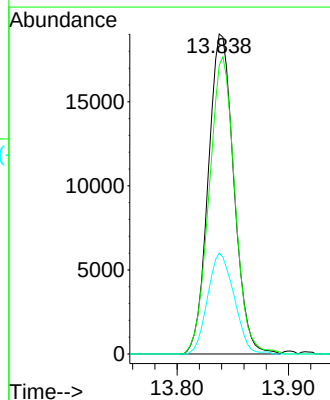
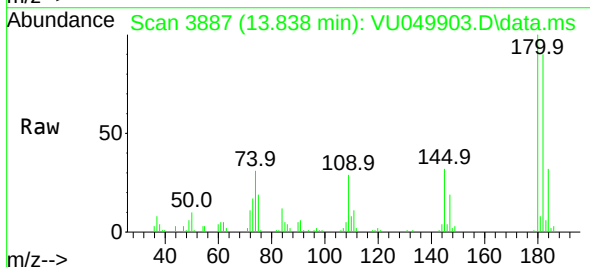
Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

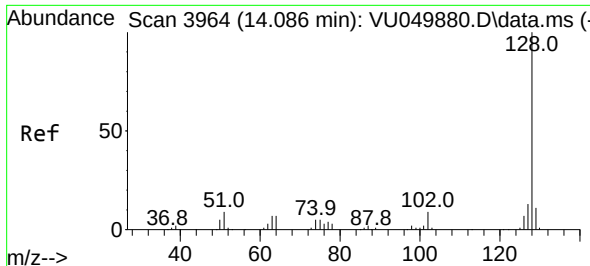
Tgt Ion:	180	Resp:	35925
Ion Ratio	Lower	Upper	
180	100		
182	94.7	77.2	115.8
184	31.3	25.3	37.9
145	32.4	24.5	36.7



#70
1,2,4-trichlorobenzene
Concen: 4.417 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion:	180	Resp:	30434
Ion Ratio	Lower	Upper	
180	100		
182	93.3	77.0	115.4
145	32.5	26.1	39.1

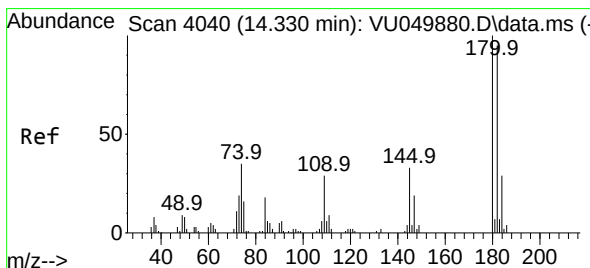
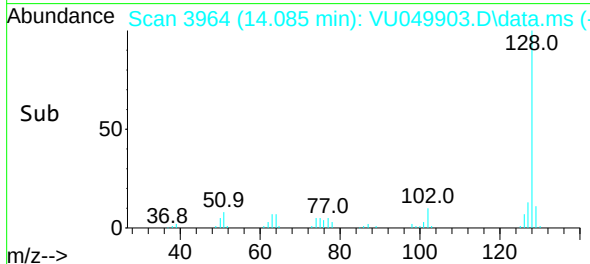
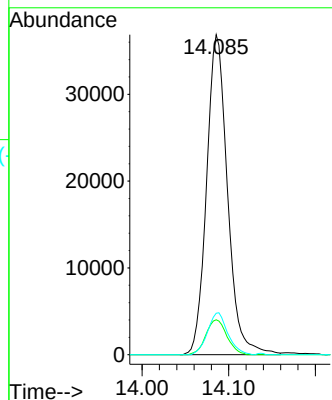
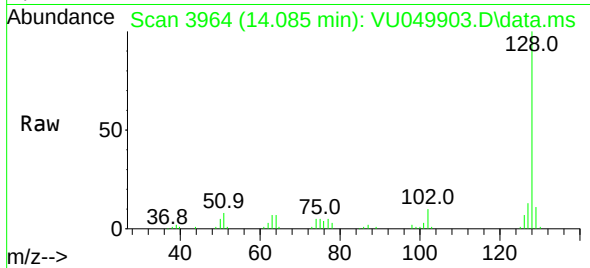




#71
Naphthalene
Concen: 4.611 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Instrument :
MSVOA_U
ClientSampleId :
GBJ15MSD

Tgt Ion:128 Resp: 61944
Ion Ratio Lower Upper
128 100
129 10.9 8.2 12.4
127 12.7 11.1 16.7



#72
1,2,3-Trichlorobenzene
Concen: 4.535 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU049903.D
Acq: 26 Jul 2022 06:45

Tgt Ion:180 Resp: 30031
Ion Ratio Lower Upper
180 100
182 99.0 73.9 110.9
145 33.6 27.8 41.6

