

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061122\
 Data File : VU049048.D
 Acq On : 11 Jun 2022 12:05
 Operator : SY/MD
 Sample : VSTD0.526
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 13 01:06:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:05:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	171078	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	163423	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	76836	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	3435	0.328	ug/L	0.00
7) Chloroethane-d5	1.916	69	3663	0.373	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.565	65	1926	0.383	ug/L	0.00
20) 2-Butanone-d5	4.645	46	14324	4.229	ug/L	0.00
24) Chloroform-d	5.067	84	11123	0.453	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.707	65	6289	0.467	ug/L	0.00
32) Benzene-d6	5.729	84	18837	0.401	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.697	67	6467	0.434	ug/L	0.00
41) Toluene-d8	7.899	98	15712	0.365	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.182	79	2169	0.362	ug/L	0.00
46) 2-Hexanone-d5	8.642	63	9413	2.974	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.761	84	6343	0.433	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.195	152	7126	0.452	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.385	85	9790	0.786	ug/L	100
3) Chloromethane	1.520	50	8515	0.733	ug/L	99
5) Vinyl chloride	1.604	62	7589	0.653	ug/L	93
6) Bromomethane	1.858	94	4475	0.766	ug/L	93
8) Chloroethane	1.935	64	4496	0.663	ug/L	85
9) Trichlorofluoromethane	2.141	101	10685	0.697	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	5508	0.596	ug/L	95
12) 1,1-Dichloroethene	2.581	96	5314	0.597	ug/L	94
13) Acetone	2.649	43	7218	4.989	ug/L	98
14) Carbon disulfide	2.797	76	18923	0.678	ug/L	99
15) Methyl Acetate	2.964	43	2696	0.704	ug/L #	87
16) Methylene chloride	3.047	84	7432	0.579	ug/L	96
17) Methyl tert-butyl Ether	3.366	73	14484	0.629	ug/L	97
18) trans-1,2-Dichloroethene	3.356	96	5666	0.586	ug/L	96
19) 1,1-Dichloroethane	3.877	63	10814	0.626	ug/L	95
21) 2-Butanone	4.726	43	14798	5.645	ug/L #	68
22) cis-1,2-Dichloroethene	4.674	96	7957	0.746	ug/L	90
23) Bromochloromethane	4.983	128	2824	0.536	ug/L	86
25) Chloroform	5.089	83	12002	0.639	ug/L	99
27) 1,2-Dichloroethane	5.797	62	7970	0.656	ug/L #	87
29) 1,1,1-Trichloroethane	5.317	97	10039	0.638	ug/L	98
30) Cyclohexane	5.388	56	7814	0.576	ug/L	99
31) Carbon tetrachloride	5.526	117	8973	0.649	ug/L	100
33) Benzene	5.777	78	23446	0.600	ug/L	100
34) Trichloroethene	6.546	95	6081	0.591	ug/L	96
35) Methylcyclohexane	6.764	83	8106	0.540	ug/L	96
37) 1,2-Dichloropropane	6.796	63	6368	0.631	ug/L #	93
38) Bromodichloromethane	7.105	83	8288	0.603	ug/L	96
39) cis-1,3-Dichloropropene	7.610	75	8230	0.538	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	38888	5.637	ug/L	98
42) Toluene	7.970	91	21674	0.515	ug/L	97
44) trans-1,3-Dichloropropene	8.218	75	7100	0.520	ug/L	86

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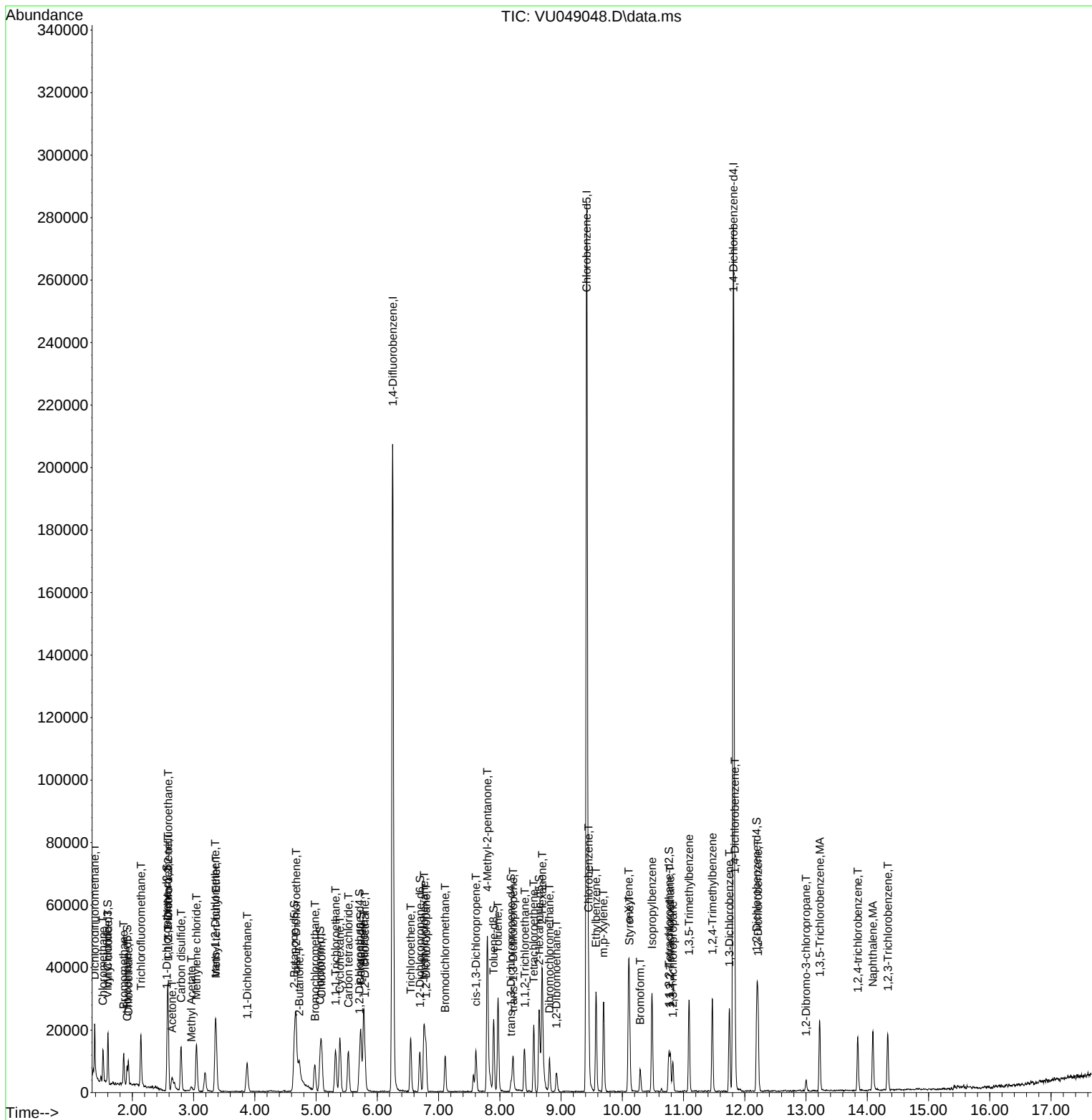
Quant Time: Jun 13 01:06:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Jun 13 01:05:20 2022
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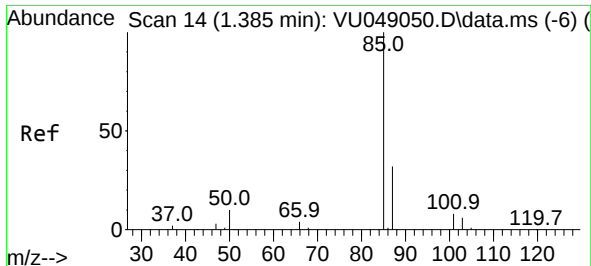
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	8.407	97	4321	0.523	ug/L	93
47) Tetrachloroethene	8.552	164	4829	0.561	ug/L	94
48) 2-Hexanone	8.694	43	27634	5.288	ug/L	99
49) Dibromochloromethane	8.812	129	5643	0.551	ug/L	92
50) 1,2-Dibromoethane	8.922	107	4420	0.541	ug/L #	92
51) Chlorobenzene	9.449	112	15074	0.530	ug/L	91
52) Ethylbenzene	9.571	91	21897	0.495	ug/L	99
53) m,p-Xylene	9.693	106	9220	0.530	ug/L	95
54) o-Xylene	10.102	106	8501	0.499	ug/L	97
55) Styrene	10.118	104	13158	0.450	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	5675	0.514	ug/L	94
59) Bromoform	10.292	173	3489	0.629	ug/L #	96
60) Isopropylbenzene	10.484	105	20836	0.555	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	4533	0.663	ug/L	93
62) 1,3,5-Trimethylbenzene	11.089	105	16617	0.642	ug/L	99
63) 1,2,4-Trimethylbenzene	11.472	105	16256	0.520	ug/L	99
64) 1,3-Dichlorobenzene	11.751	146	11855	0.587	ug/L	97
65) 1,4-Dichlorobenzene	11.838	146	11088	0.543	ug/L	99
67) 1,2-Dichlorobenzene	12.217	146	11082	0.555	ug/L	93
68) 1,2-Dibromo-3-chloropr...	12.999	75	997	0.616	ug/L	84
69) 1,3,5-Trichlorobenzene	13.224	180	7919	0.473	ug/L	94
70) 1,2,4-trichlorobenzene	13.844	180	5954	0.414	ug/L	97
71) Naphthalene	14.092	128	17907	0.681	ug/L	98
72) 1,2,3-Trichlorobenzene	14.336	180	6073	0.438	ug/L	94

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

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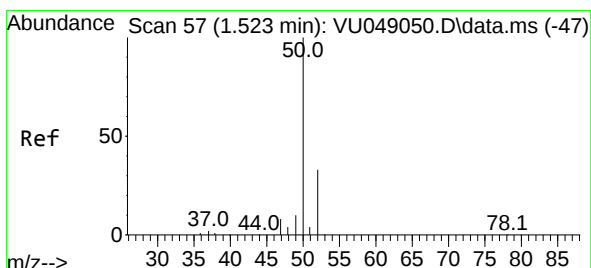
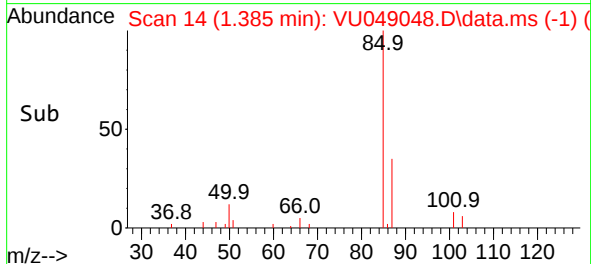
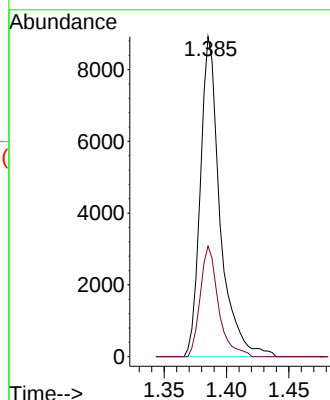
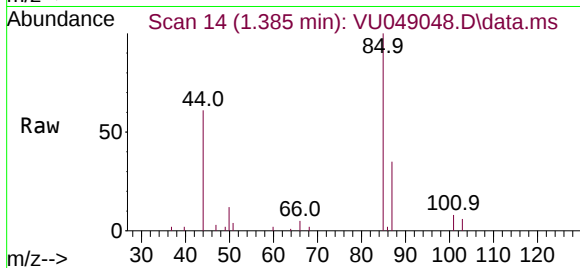




#2
Dichlorodifluoromethane
Concen: 0.786 ug/L
RT: 1.385 min Scan# 14
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

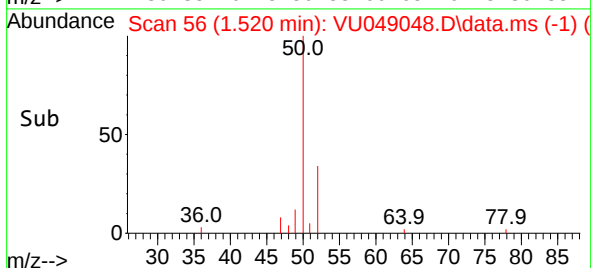
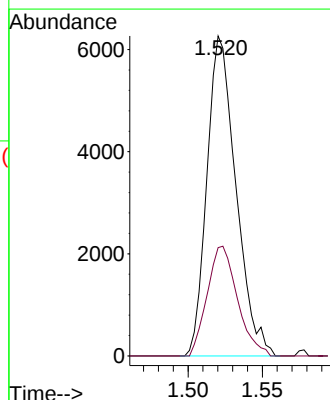
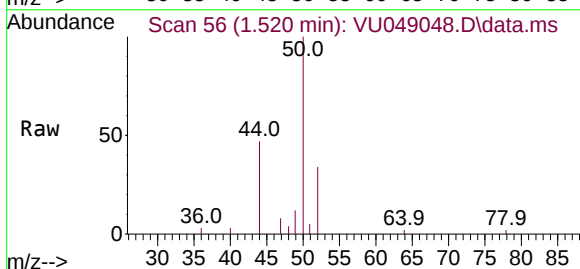
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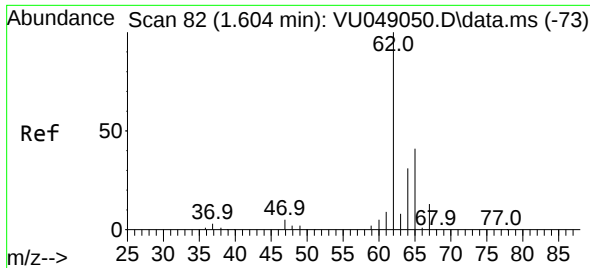
Tgt Ion: 85 Resp: 9790
Ion Ratio Lower Upper
85 100
87 31.9 25.4 38.0



#3
Chloromethane
Concen: 0.733 ug/L
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Tgt Ion: 50 Resp: 8515
Ion Ratio Lower Upper
50 100
52 33.9 23.2 43.0

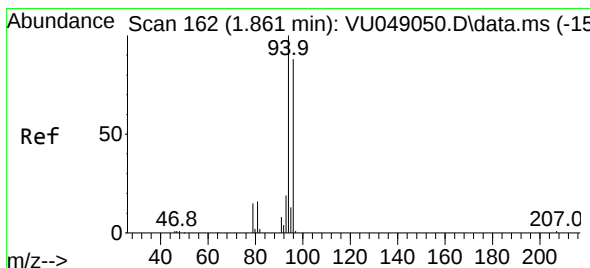
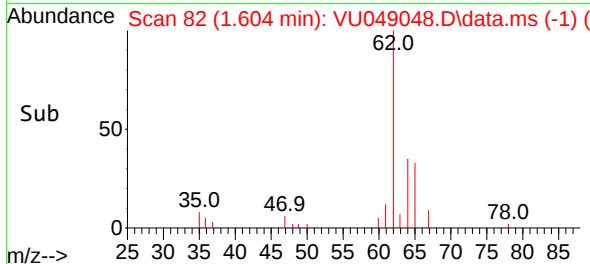
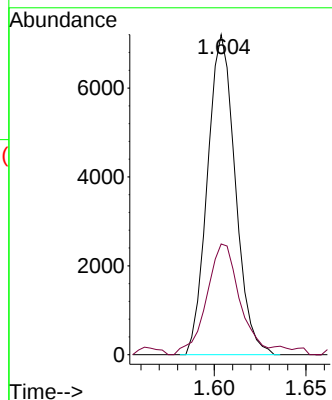
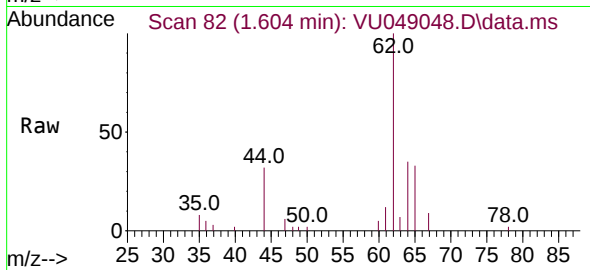




#5
 Vinyl chloride
 Concen: 0.653 ug/L
 RT: 1.604 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU049048.D
 Acq: 11 Jun 2022 12:05

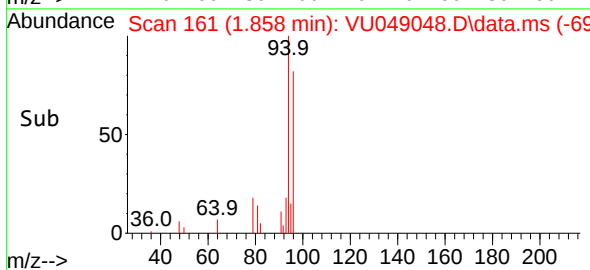
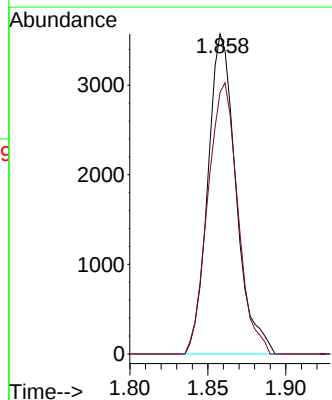
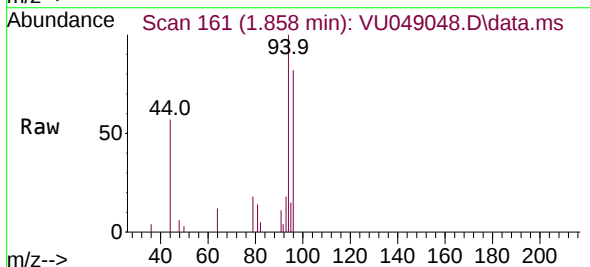
Instrument :
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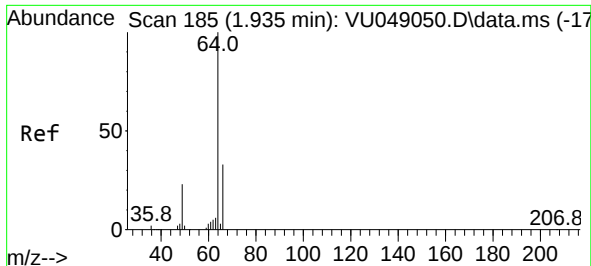
Tgt Ion: 62 Resp: 7589
 Ion Ratio Lower Upper
 62 100
 64 34.6 21.5 39.9



#6
 Bromomethane
 Concen: 0.766 ug/L
 RT: 1.858 min Scan# 161
 Delta R.T. -0.003 min
 Lab File: VU049048.D
 Acq: 11 Jun 2022 12:05

Tgt Ion: 94 Resp: 4475
 Ion Ratio Lower Upper
 94 100
 96 81.8 61.9 114.9

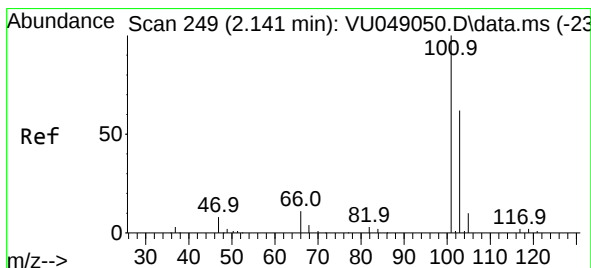
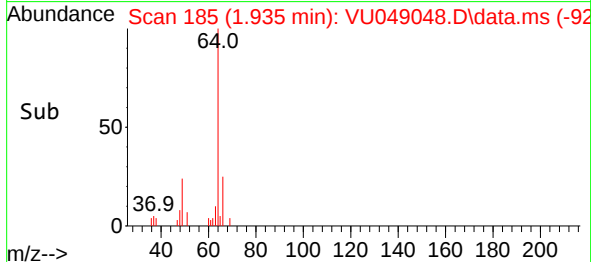
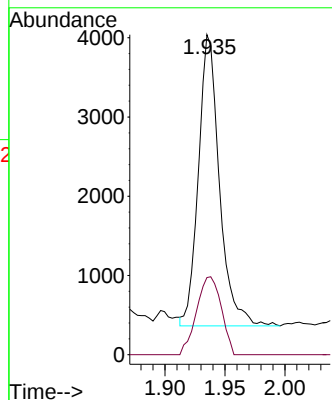
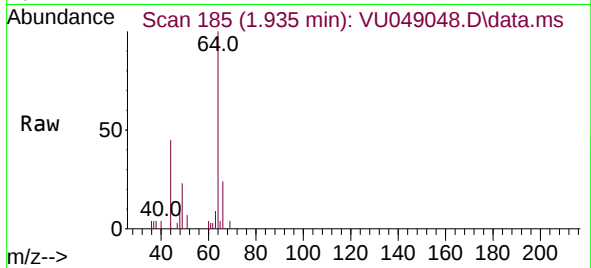




#8
Chloroethane
Concen: 0.663 ug/L
RT: 1.935 min Scan# 185
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

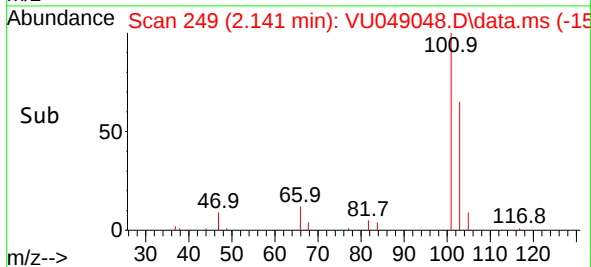
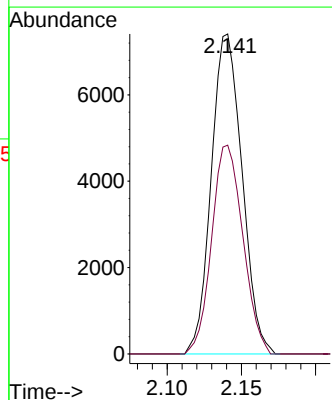
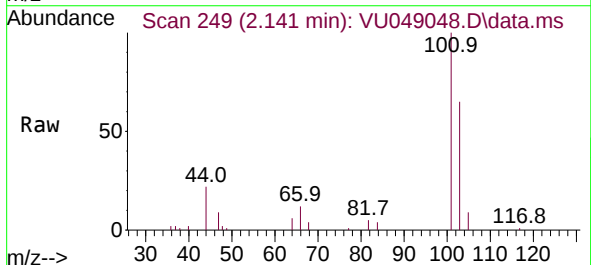
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ClientSampleId :

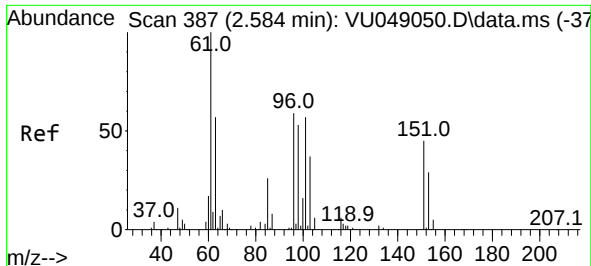
Tgt Ion: 64 Resp: 4496
Ion Ratio Lower Upper
64 100
66 24.1 22.7 42.3



#9
Trichlorofluoromethane
Concen: 0.697 ug/L
RT: 2.141 min Scan# 249
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Tgt Ion: 101 Resp: 10685
Ion Ratio Lower Upper
101 100
103 66.1 50.5 75.7

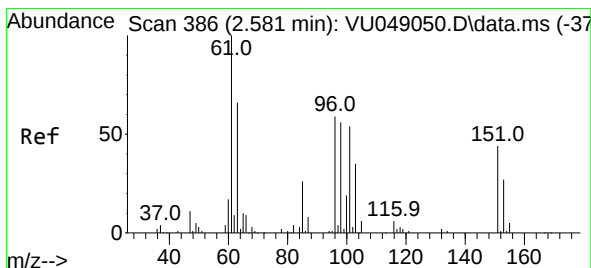
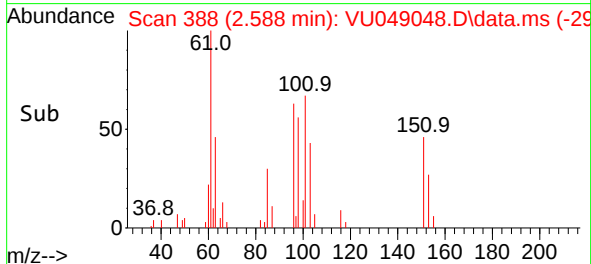
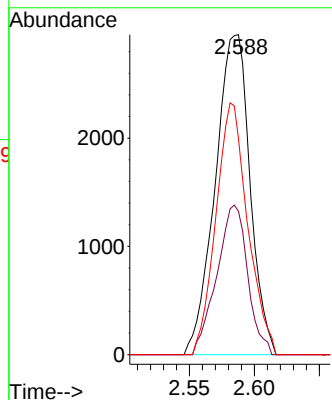
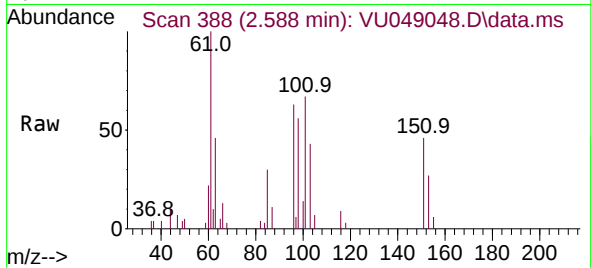




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.596 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.003 min
 Lab File: VU049048.D
 Acq: 11 Jun 2022 12:05

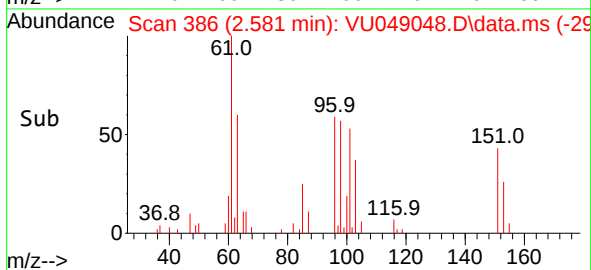
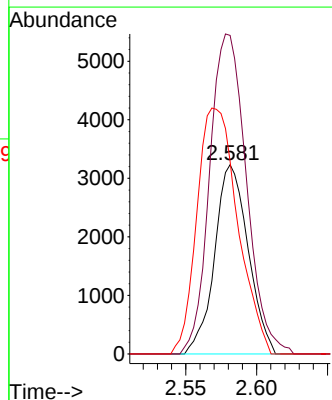
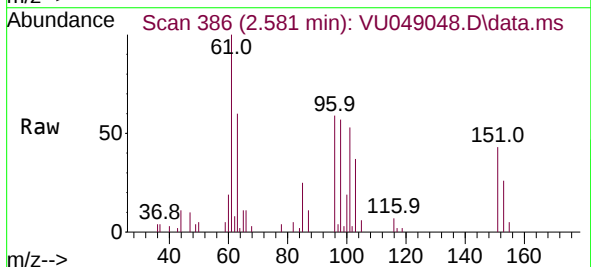
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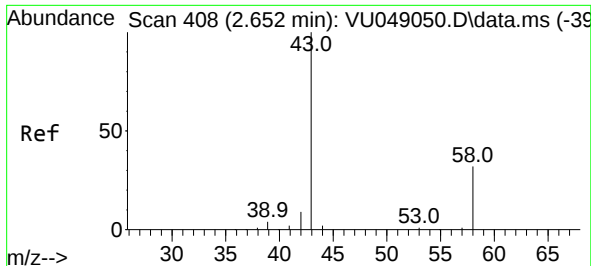
Tgt Ion: 101 Resp: 5508
 Ion Ratio Lower Upper
 101 100
 85 41.5 36.0 54.0
 151 71.7 60.7 91.1



#12
 1,1-Dichloroethene
 Concen: 0.597 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.000 min
 Lab File: VU049048.D
 Acq: 11 Jun 2022 12:05

Tgt Ion: 96 Resp: 5314
 Ion Ratio Lower Upper
 96 100
 61 168.3 118.9 220.7
 63 101.7 81.8 151.8





#13

Acetone

Concen: 4.989 ug/L

RT: 2.649 min Scan# 408

Delta R.T. -0.003 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

Instrument :

MSVOA_U

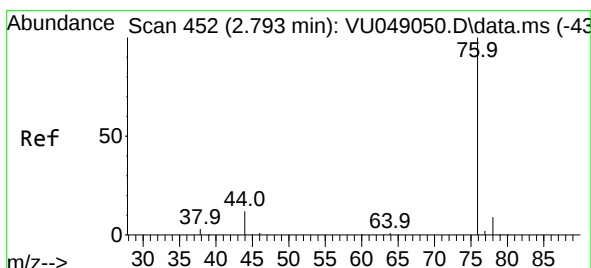
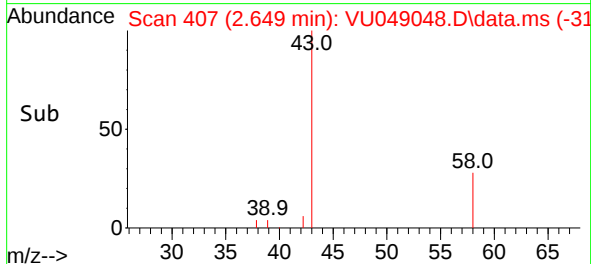
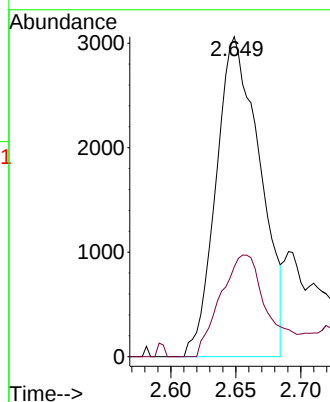
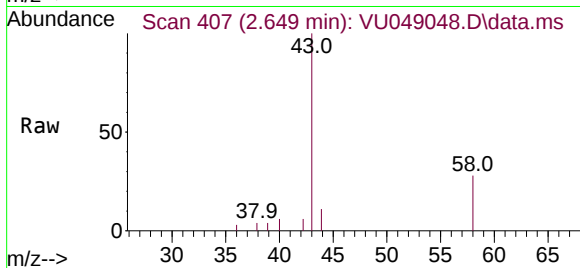
ClientSampleId :

Tgt Ion: 43 Resp: 7218

Ion Ratio Lower Upper

43 100

58 34.5 0.0 67.0



#14

Carbon disulfide

Concen: 0.678 ug/L

RT: 2.797 min Scan# 453

Delta R.T. 0.003 min

Lab File: VU049048.D

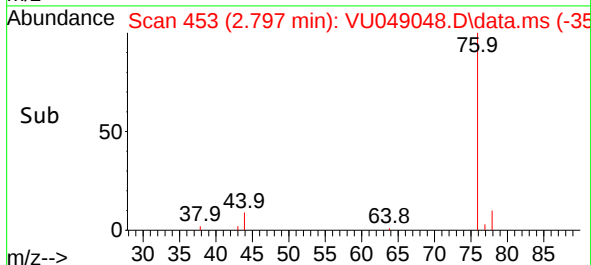
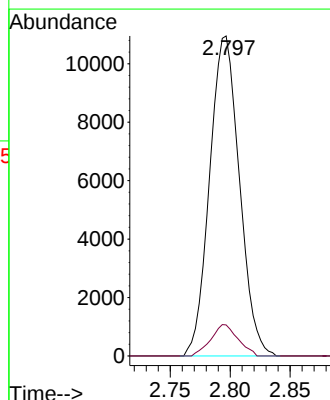
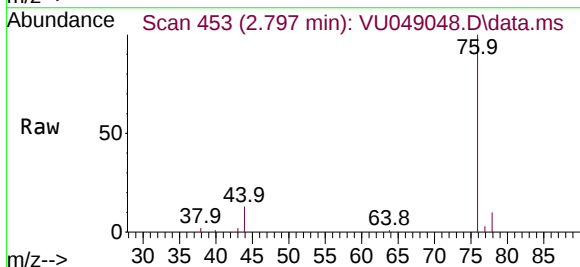
Acq: 11 Jun 2022 12:05

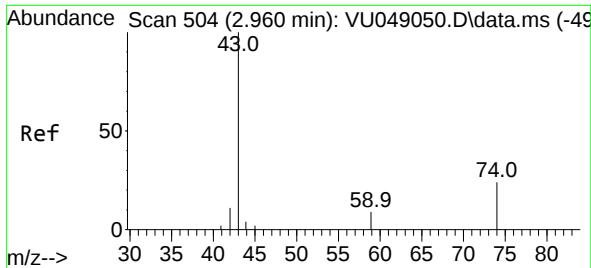
Tgt Ion: 76 Resp: 18923

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3

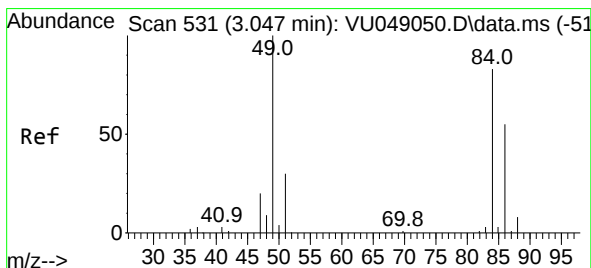
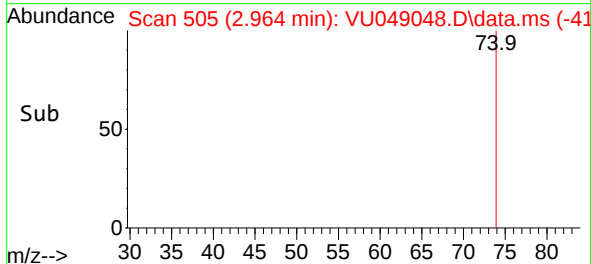
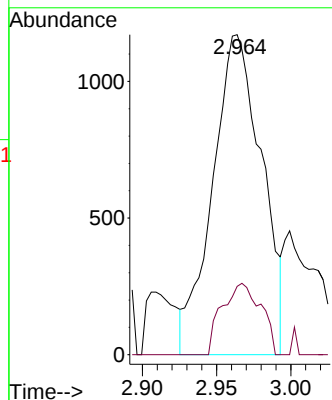
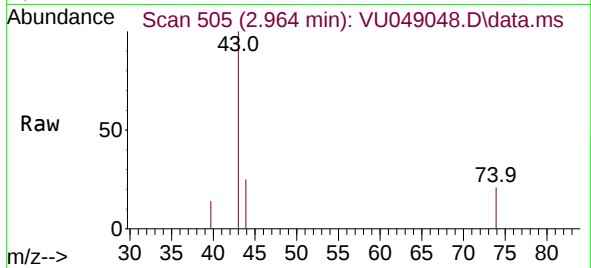




#15
Methyl Acetate
Concen: 0.704 ug/L
RT: 2.964 min Scan# 504
Delta R.T. 0.003 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

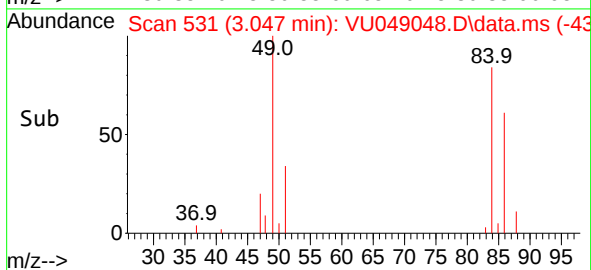
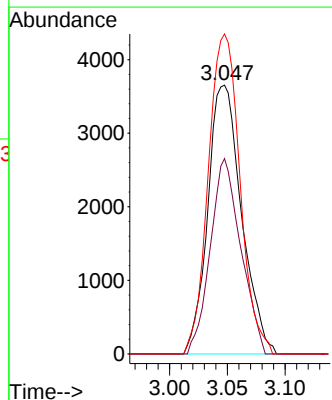
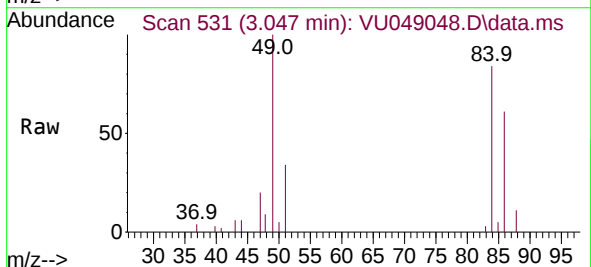
Instrument :
MSVOA_U
ClientSampleId :

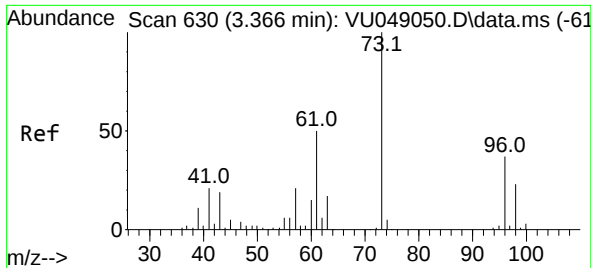
Tgt Ion: 43 Resp: 2696
Ion Ratio Lower Upper
43 100
74 17.7 19.1 28.7#



#16
Methylene chloride
Concen: 0.579 ug/L
RT: 3.047 min Scan# 531
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Tgt Ion: 84 Resp: 7432
Ion Ratio Lower Upper
84 100
86 72.7 46.1 85.7
49 119.0 84.5 156.9

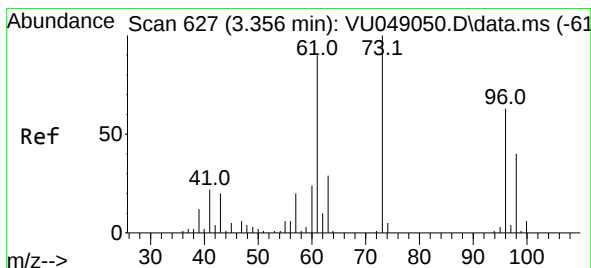
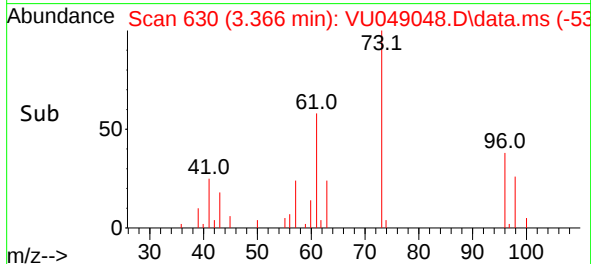
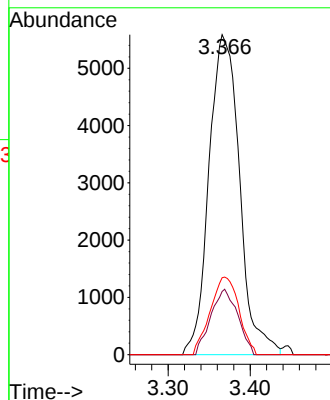
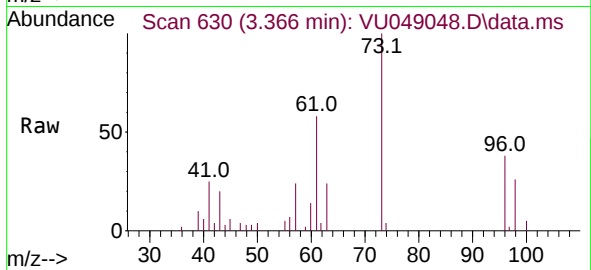




#17
Methyl tert-butyl Ether
Concen: 0.629 ug/L
RT: 3.366 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

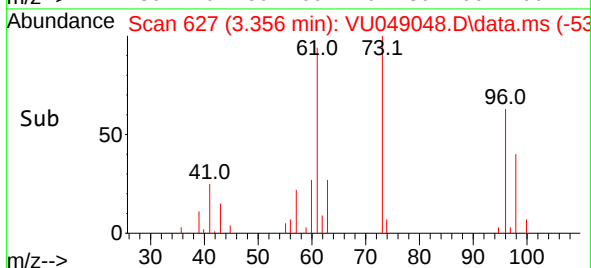
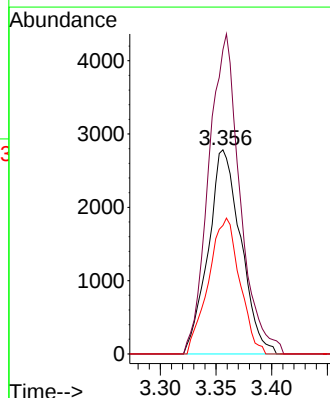
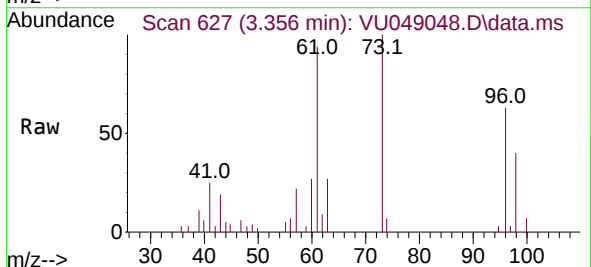
Instrument :
MSVOA_U
ClientSampleId :

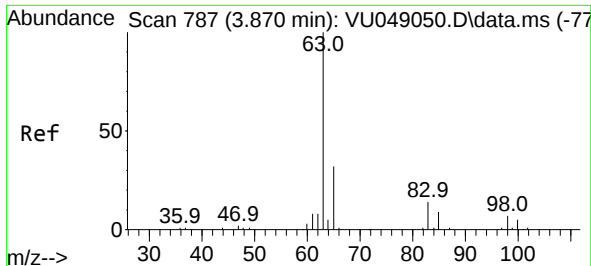
Tgt Ion: 73 Resp: 14484
Ion Ratio Lower Upper
73 100
43 18.0 15.3 22.9
57 22.8 17.0 25.4



#18
trans-1,2-Dichloroethene
Concen: 0.586 ug/L
RT: 3.356 min Scan# 627
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Tgt Ion: 96 Resp: 5666
Ion Ratio Lower Upper
96 100
61 148.9 99.1 184.1
98 62.9 44.1 81.9





#19

1,1-Dichloroethane

Concen: 0.626 ug/L

RT: 3.877 min Scan# 71

Delta R.T. 0.007 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

Instrument :

MSVOA_U

ClientSampleId :

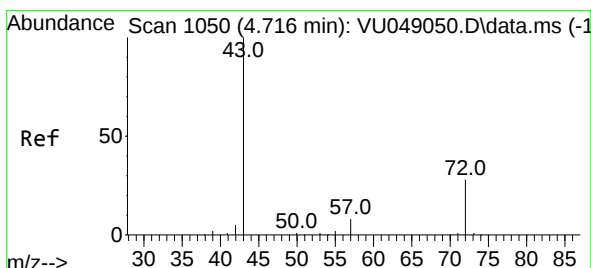
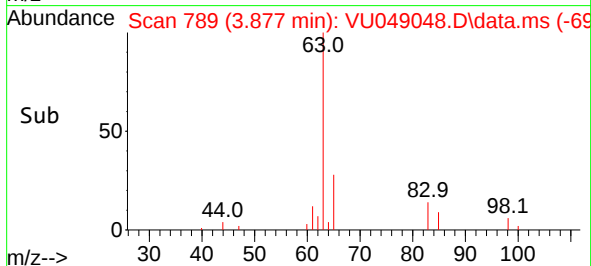
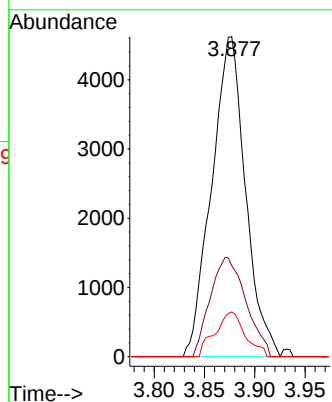
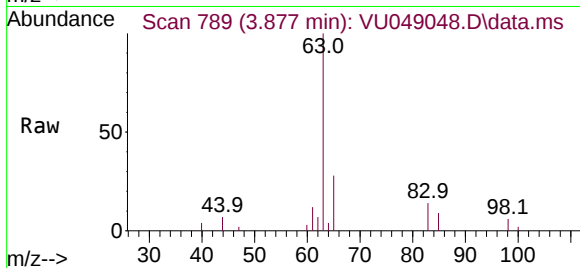
Tgt Ion: 63 Resp: 10814

Ion Ratio Lower Upper

63 100

65 28.4 22.4 41.6

83 14.0 9.7 17.9



#21

2-Butanone

Concen: 5.645 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.010 min

Lab File: VU049048.D

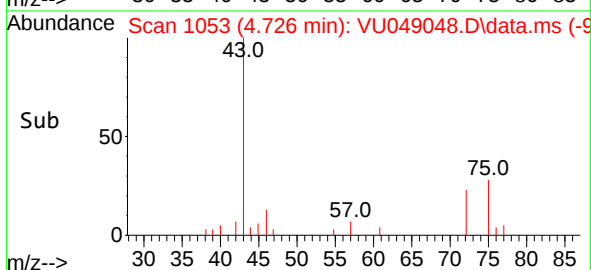
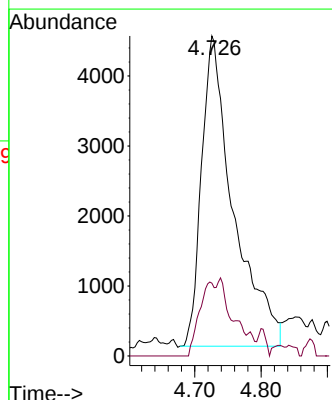
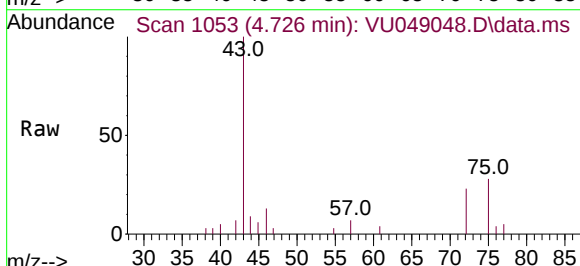
Acq: 11 Jun 2022 12:05

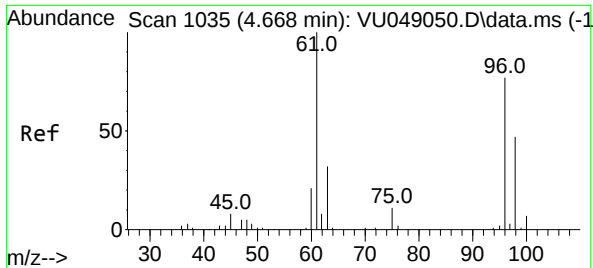
Tgt Ion: 43 Resp: 14798

Ion Ratio Lower Upper

43 100

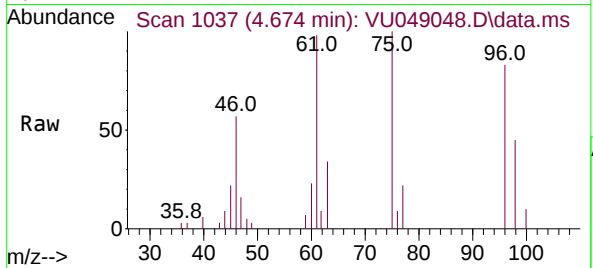
72 11.1 14.1 42.2#





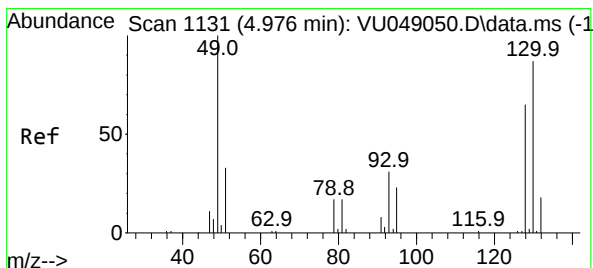
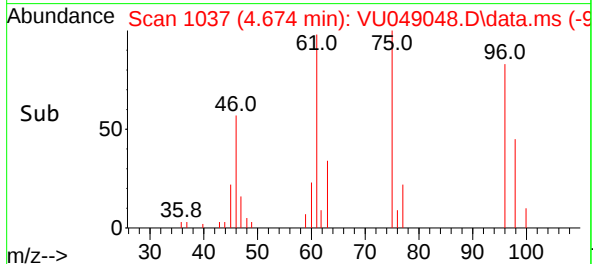
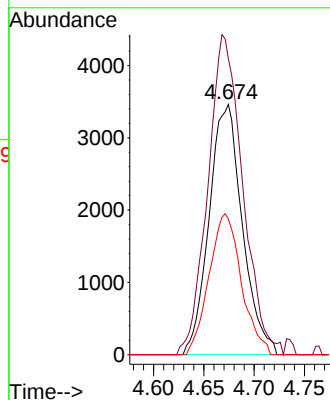
#22
 cis-1,2-Dichloroethene
 Concen: 0.746 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.007 min
 Lab File: VU049048.D
 Acq: 11 Jun 2022 12:05

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 96 Resp: 7957

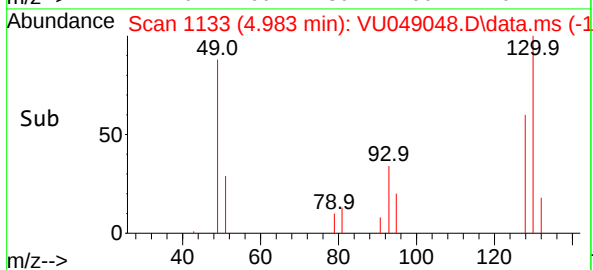
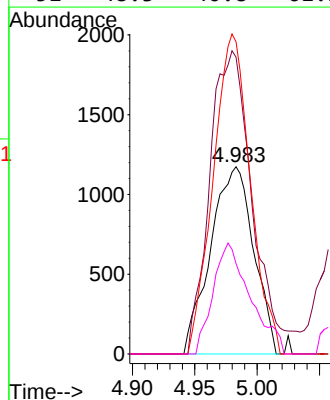
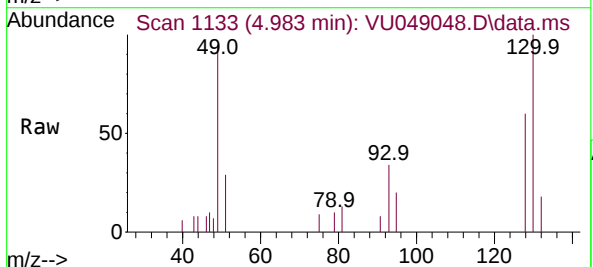
Ion	Ratio	Lower	Upper
96	100		
61	118.2	91.1	169.1
98	54.3	43.0	80.0

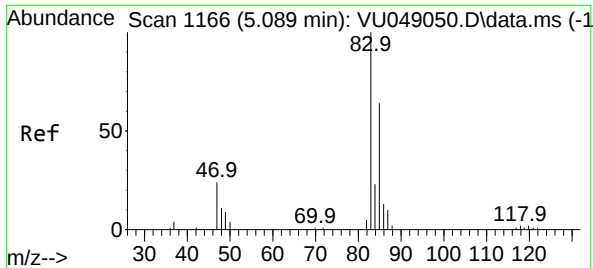


#23
 Bromochloromethane
 Concen: 0.536 ug/L
 RT: 4.983 min Scan# 1133
 Delta R.T. 0.007 min
 Lab File: VU049048.D
 Acq: 11 Jun 2022 12:05

Tgt Ion: 128 Resp: 2824

Ion	Ratio	Lower	Upper
128	100		
49	158.5	106.9	198.5
130	166.7	93.0	172.6
51	48.3	40.8	61.2





#25

Chloroform

Concen: 0.639 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

Instrument :

MSVOA_U

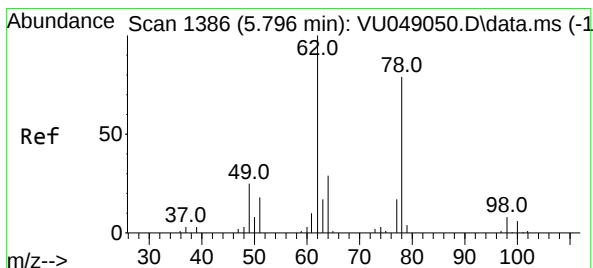
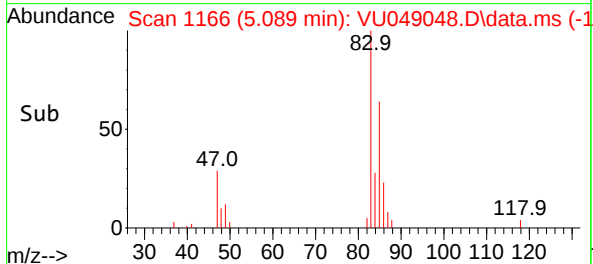
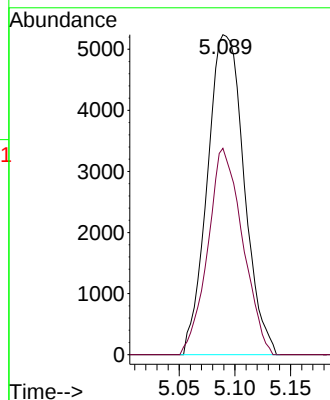
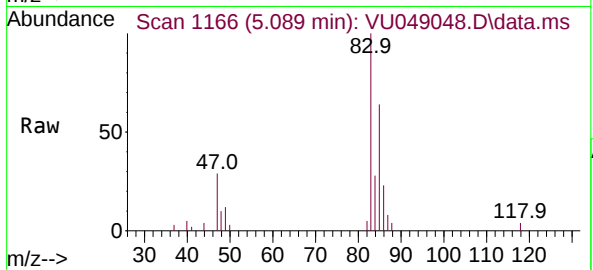
ClientSampleId :

Tgt Ion: 83 Resp: 12002

Ion Ratio Lower Upper

83 100

85 64.5 44.7 83.1



#27

1,2-Dichloroethane

Concen: 0.656 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU049048.D

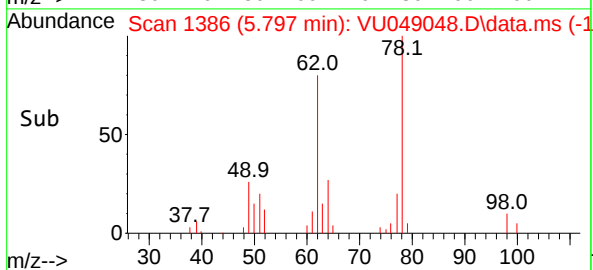
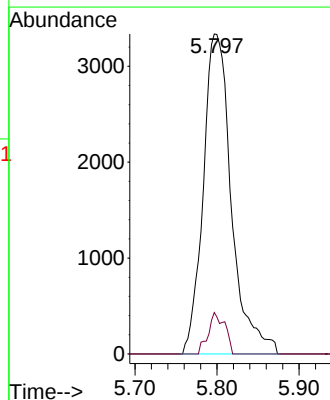
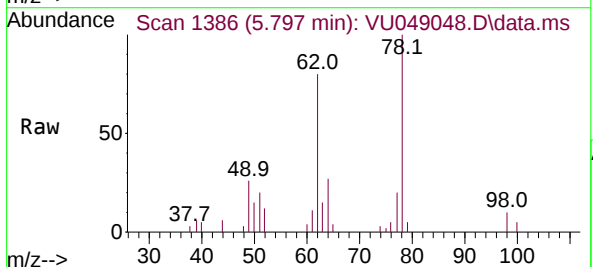
Acq: 11 Jun 2022 12:05

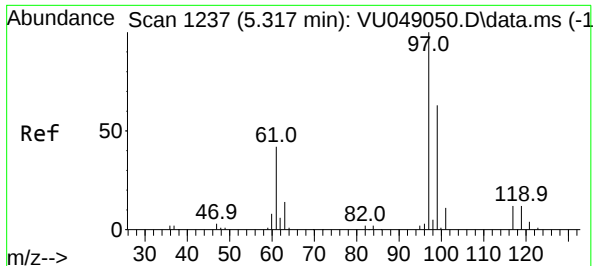
Tgt Ion: 62 Resp: 7970

Ion Ratio Lower Upper

62 100

98 13.0 6.6 10.0#





#29

1,1,1-Trichloroethane

Concen: 0.638 ug/L

RT: 5.317 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

Instrument :

MSVOA_U

ClientSampleId :

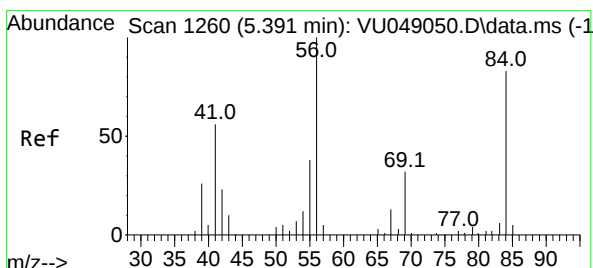
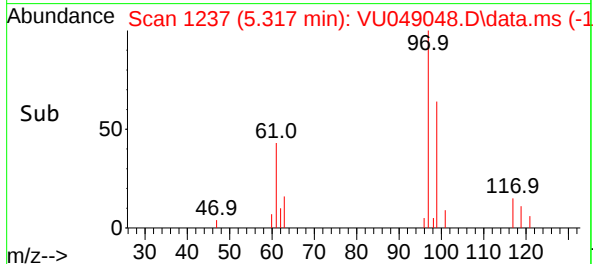
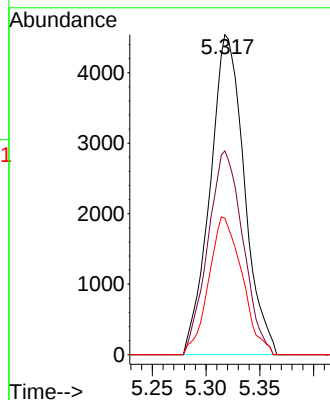
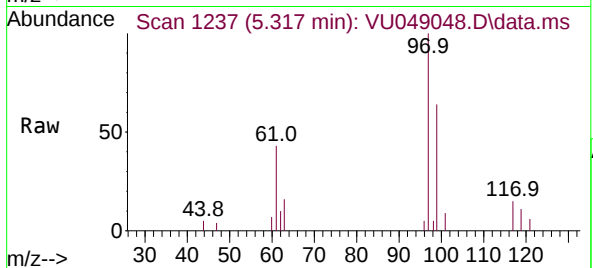
Tgt Ion: 97 Resp: 10039

Ion Ratio Lower Upper

97 100

99 65.1 50.9 76.3

61 42.1 33.2 49.8



#30

Cyclohexane

Concen: 0.576 ug/L

RT: 5.388 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

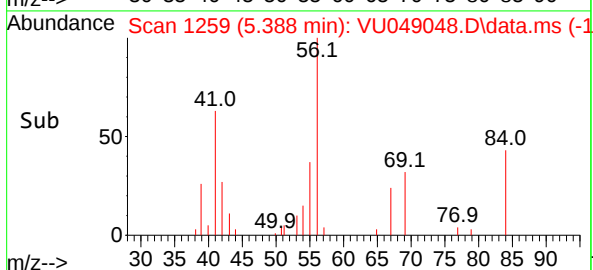
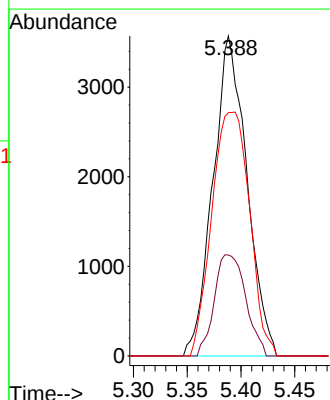
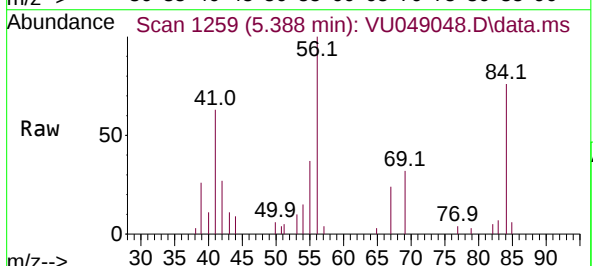
Tgt Ion: 56 Resp: 7814

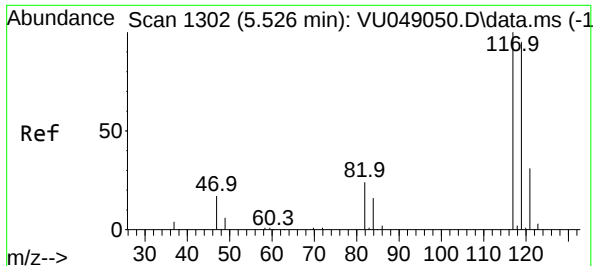
Ion Ratio Lower Upper

56 100

69 29.3 24.6 36.8

84 85.0 68.8 103.2

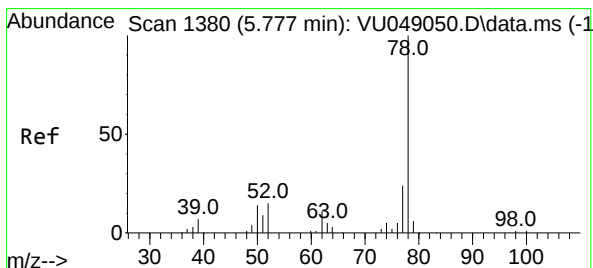
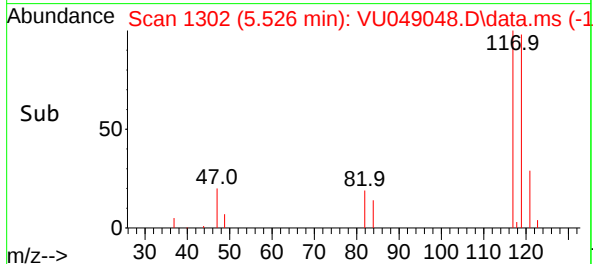
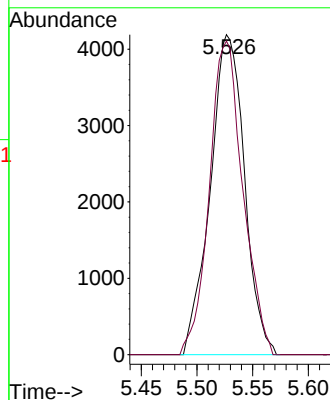
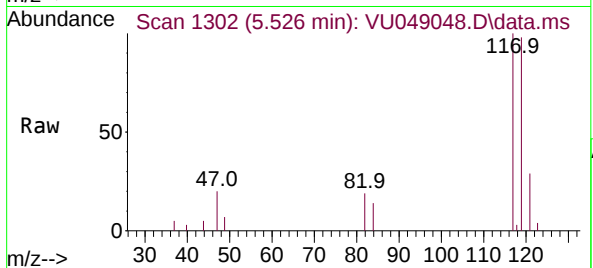




#31
Carbon tetrachloride
Concen: 0.649 ug/L
RT: 5.526 min Scan# 117
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

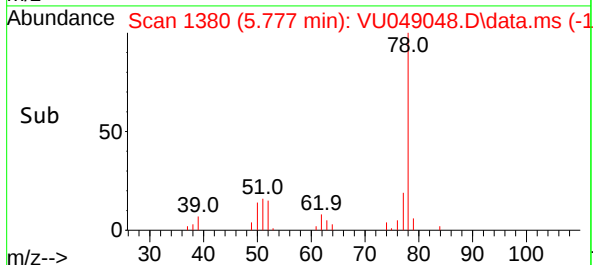
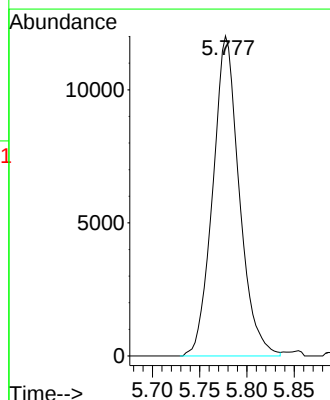
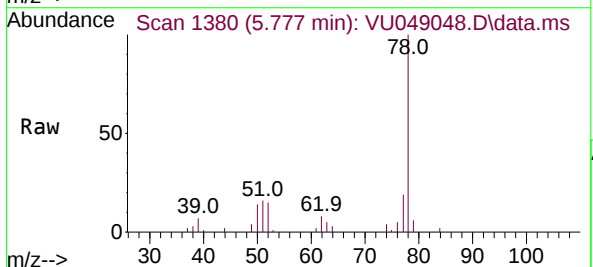
Instrument :
MSVOA_U
ClientSampleId :

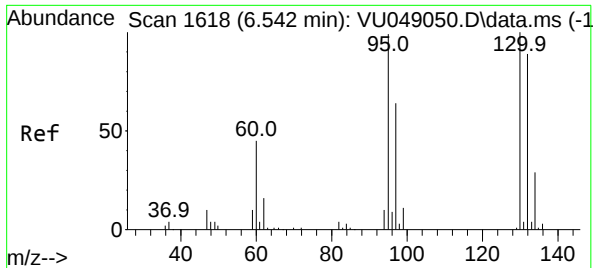
Tgt Ion:117 Resp: 8973
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7



#33
Benzene
Concen: 0.600 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

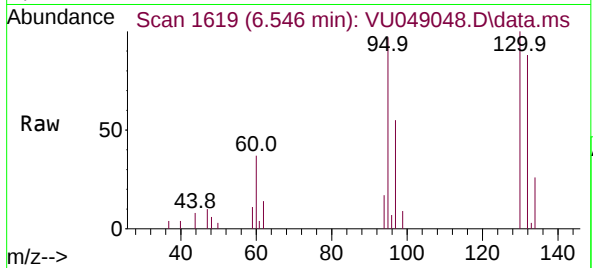
Tgt Ion: 78 Resp: 23446



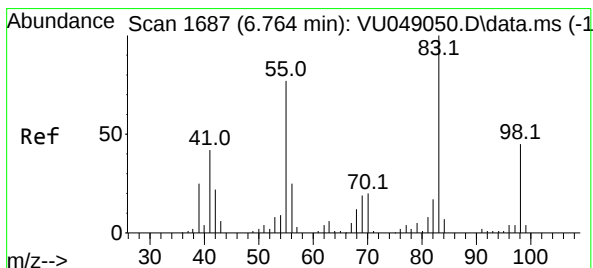
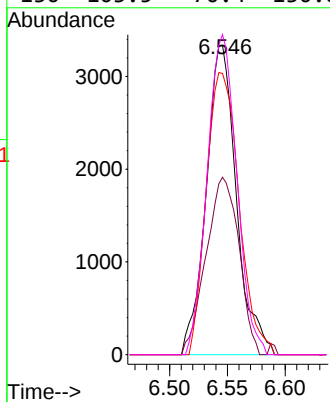
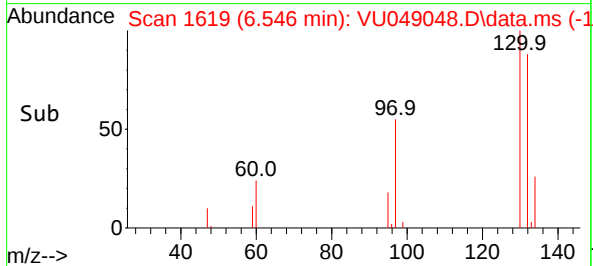


#34
Trichloroethene
Concen: 0.591 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.003 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

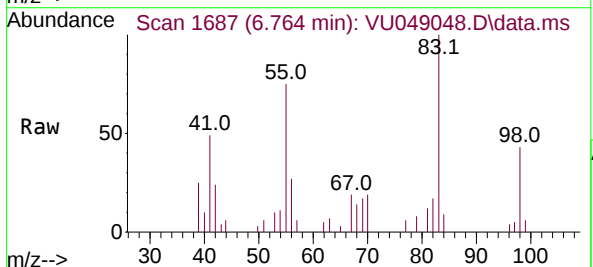
Instrument :
MSVOA_U
ClientSampleId :



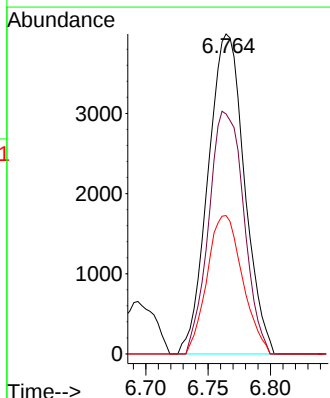
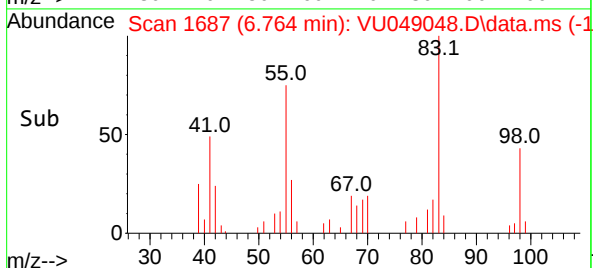
Tgt Ion: 95 Resp: 6081
Ion Ratio Lower Upper
95 100
97 57.4 44.9 83.5
132 90.9 62.8 116.6
130 103.5 70.4 130.8

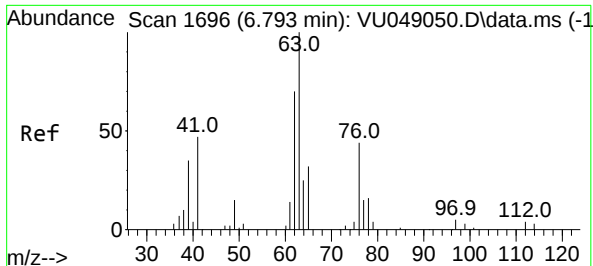


#35
Methylcyclohexane
Concen: 0.540 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05



Tgt Ion: 83 Resp: 8106
Ion Ratio Lower Upper
83 100
55 73.0 60.6 90.8
98 42.0 35.8 53.8





#37

1,2-Dichloropropane

Concen: 0.631 ug/L

RT: 6.796 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

Instrument :

MSVOA_U

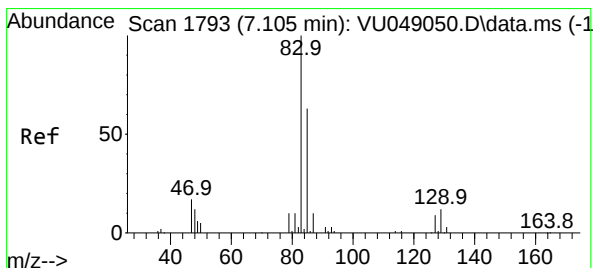
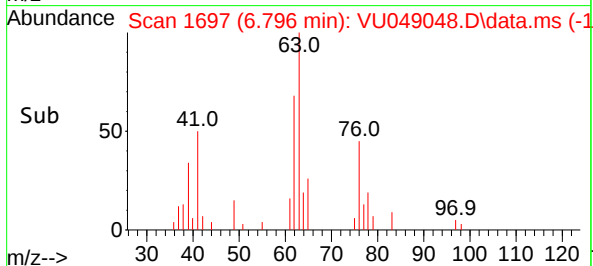
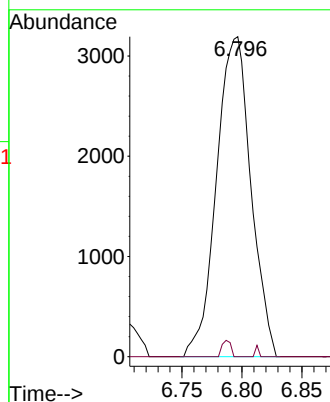
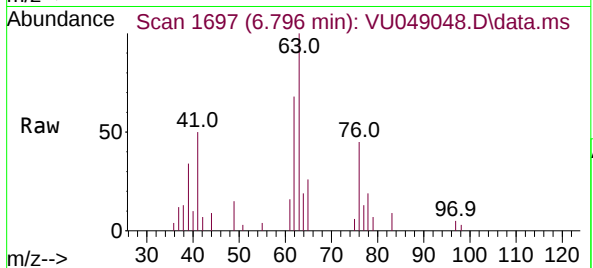
ClientSampleId :

Tgt Ion: 63 Resp: 6368

Ion Ratio Lower Upper

63 100

112 1.3 2.8 4.2#



#38

Bromodichloromethane

Concen: 0.603 ug/L

RT: 7.105 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

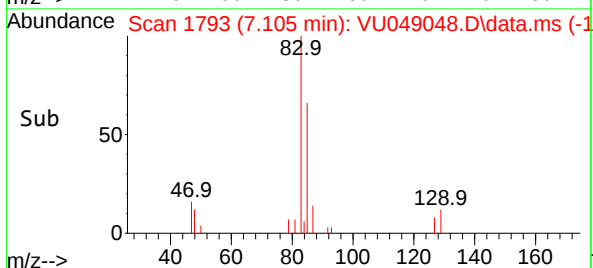
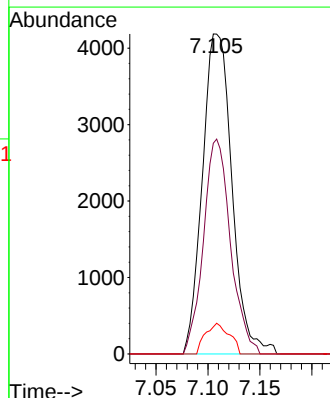
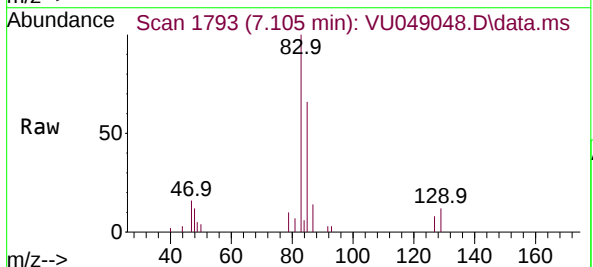
Tgt Ion: 83 Resp: 8288

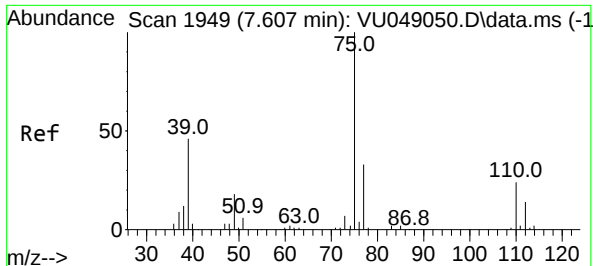
Ion Ratio Lower Upper

83 100

85 65.8 43.8 81.4

127 8.5 7.0 10.6





#39

cis-1,3-Dichloropropene

Concen: 0.538 ug/L

RT: 7.610 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

Instrument :

MSVOA_U

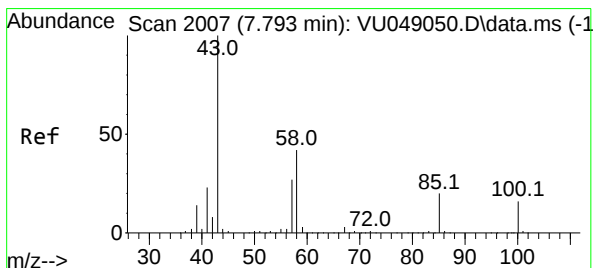
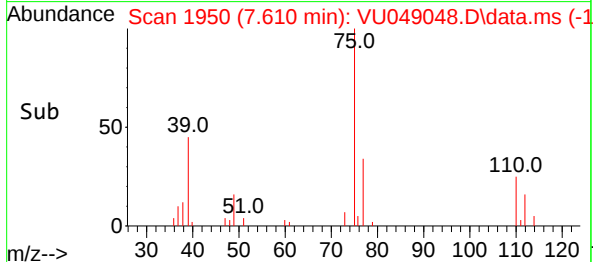
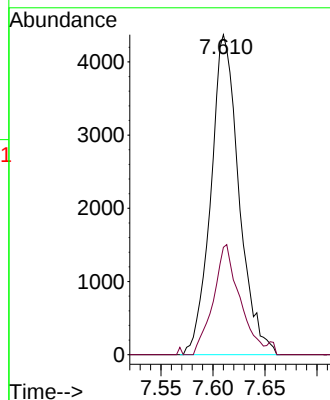
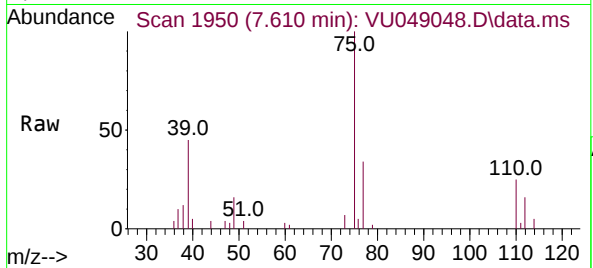
ClientSampleId :

Tgt Ion: 75 Resp: 8230

Ion Ratio Lower Upper

75 100

77 33.6 23.4 43.4



#40

4-Methyl-2-pentanone

Concen: 5.637 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

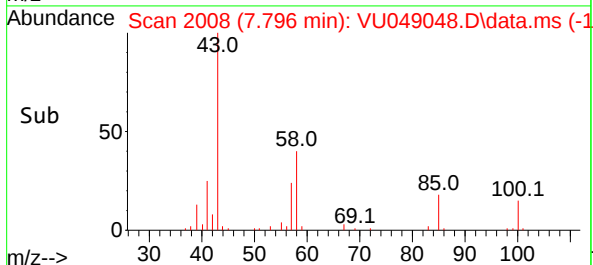
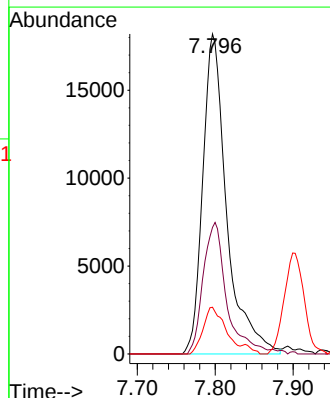
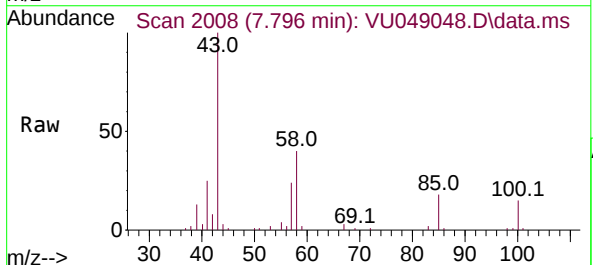
Tgt Ion: 43 Resp: 38888

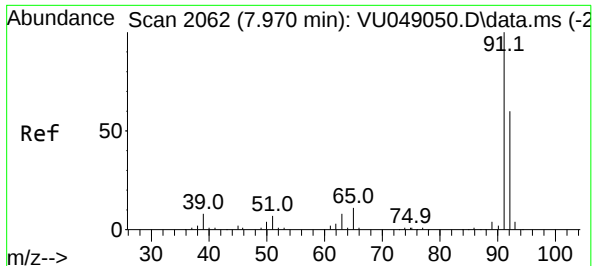
Ion Ratio Lower Upper

43 100

58 40.9 32.6 49.0

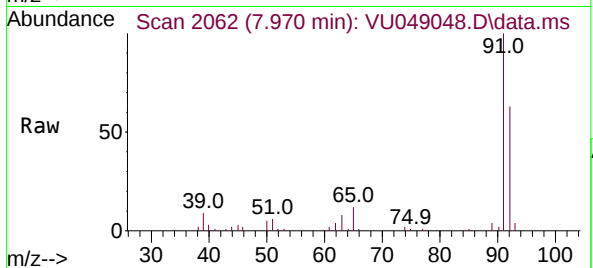
100 13.5 12.6 18.8



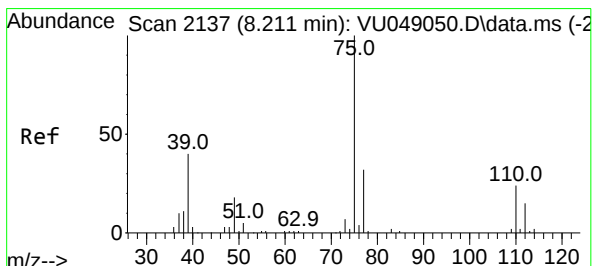
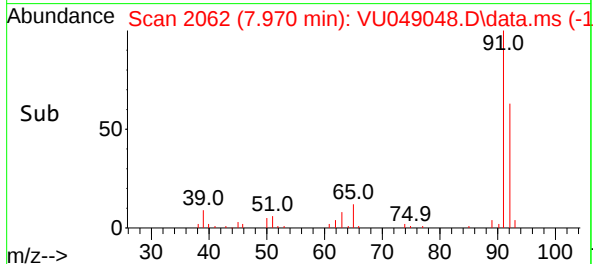
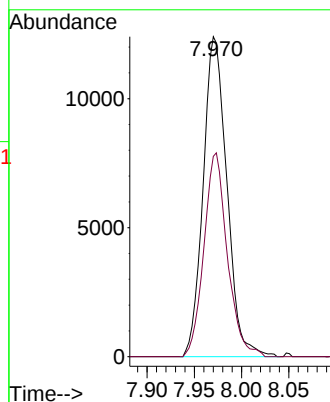


#42
Toluene
Concen: 0.515 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Instrument :
MSVOA_U
ClientSampleId :

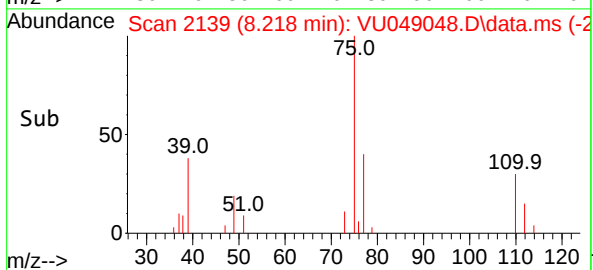
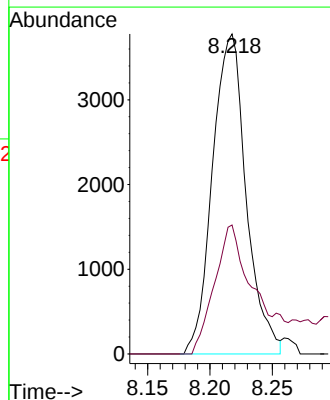
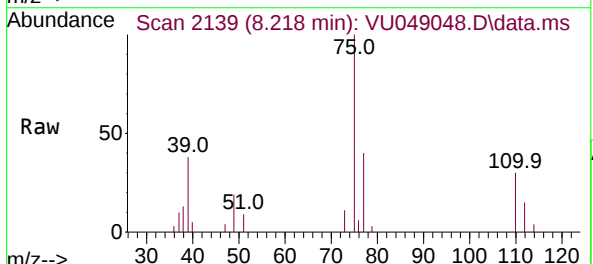


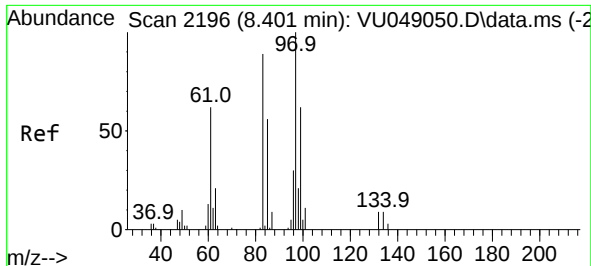
Tgt Ion: 91 Resp: 21674
Ion Ratio Lower Upper
91 100
92 62.6 42.1 78.1



#44
trans-1,3-Dichloropropene
Concen: 0.520 ug/L
RT: 8.218 min Scan# 2139
Delta R.T. 0.007 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Tgt Ion: 75 Resp: 7100
Ion Ratio Lower Upper
75 100
77 40.3 22.6 42.0

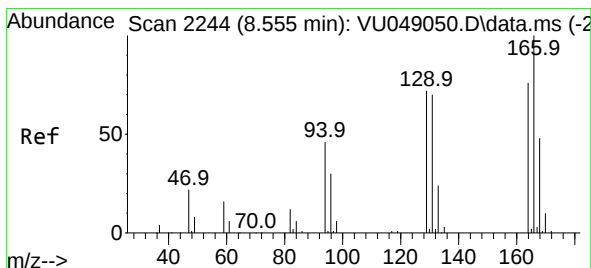
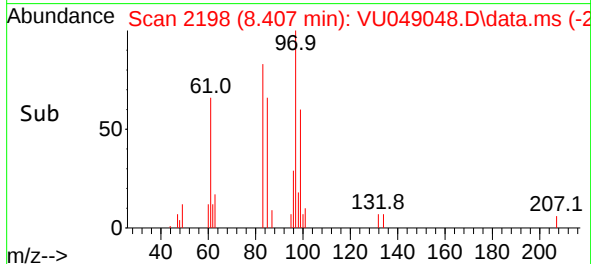
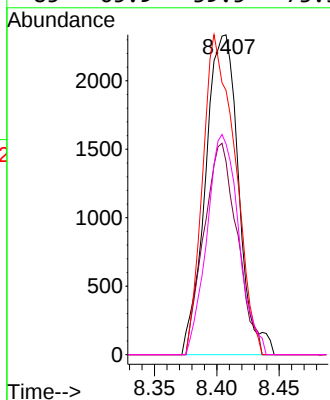
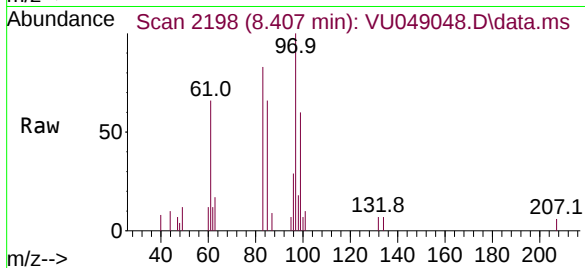




#45
1,1,2-Trichloroethane
Concen: 0.523 ug/L
RT: 8.407 min Scan# 2196
Delta R.T. 0.007 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

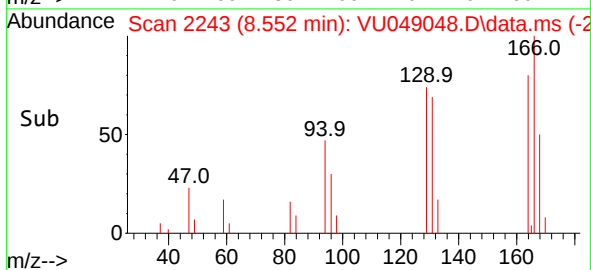
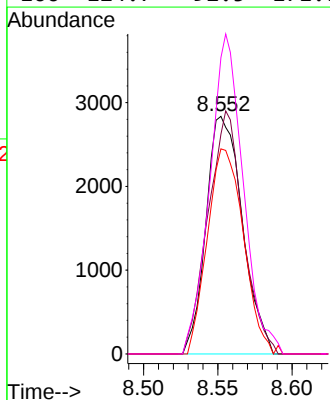
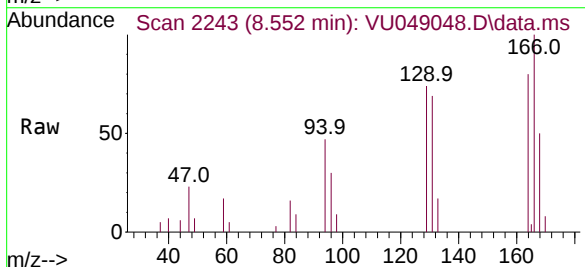
Instrument :
MSVOA_U
ClientSampleId :

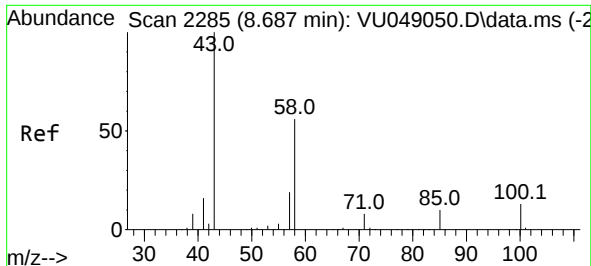
Tgt Ion: 97	Resp: 4321
Ion Ratio	Lower Upper
97 100	
99 60.4	43.3 80.5
83 82.6	62.1 115.3
85 65.9	39.5 73.3



#47
Tetrachloroethene
Concen: 0.561 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. -0.003 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Tgt	Ion:164	Resp:	4829
Ion	Ratio	Lower	Upper
164	100		
129	92.5	67.0	124.4
131	86.3	65.0	120.8
166	124.7	92.5	171.7

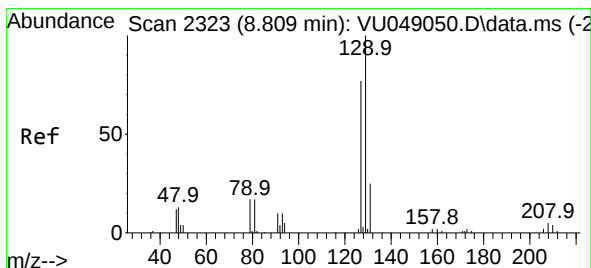
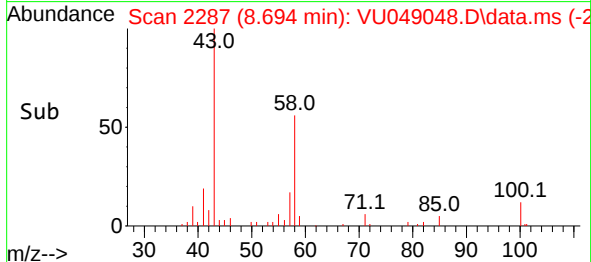
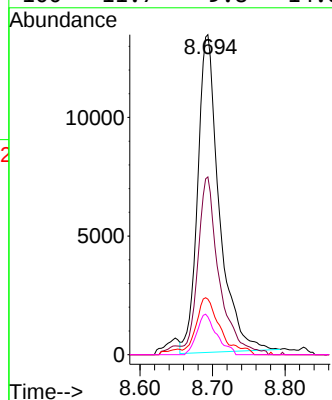
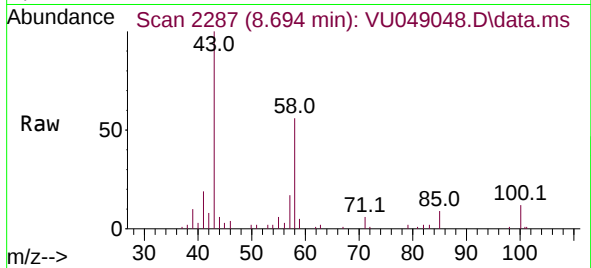




#48
2-Hexanone
Concen: 5.288 ug/L
RT: 8.694 min Scan# 21
Delta R.T. 0.007 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

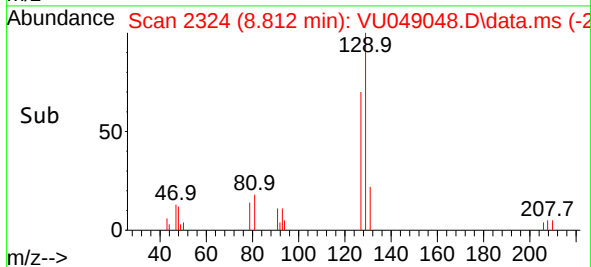
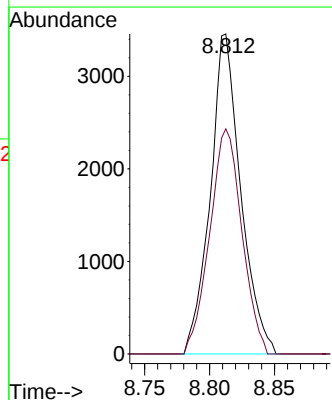
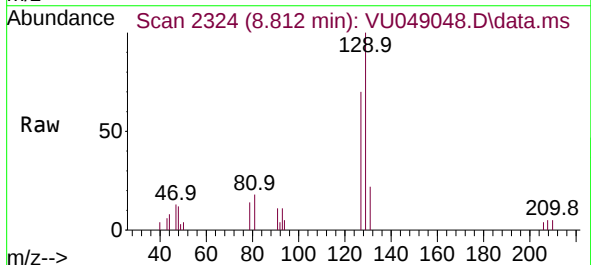
Instrument :
MSVOA_U
ClientSampleId :

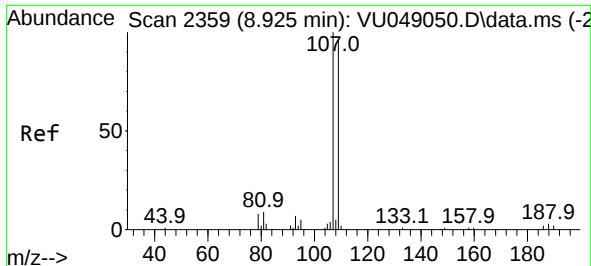
Tgt Ion: 43	Resp: 27634
Ion Ratio	Lower Upper
43 100	
58 55.2	45.0 67.4
57 19.9	15.9 23.9
100 11.7	9.8 14.8



#49
Dibromochloromethane
Concen: 0.551 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. 0.003 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

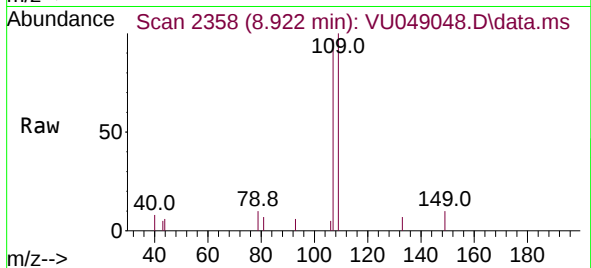
Tgt Ion:129	Resp: 5643		
Ion Ratio	Lower	Upper	
129 100			
127 70.3	54.1	100.5	



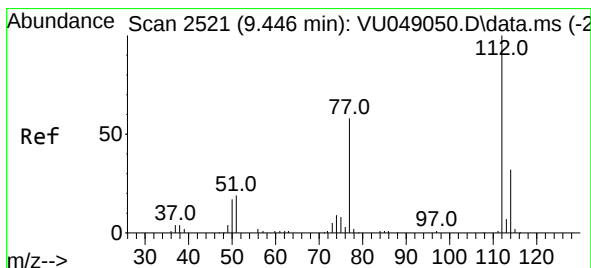
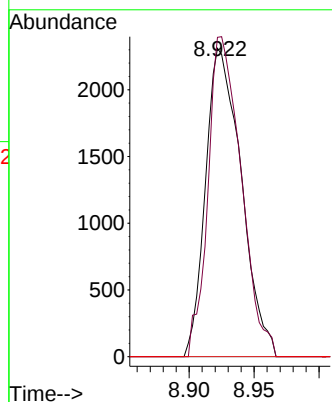
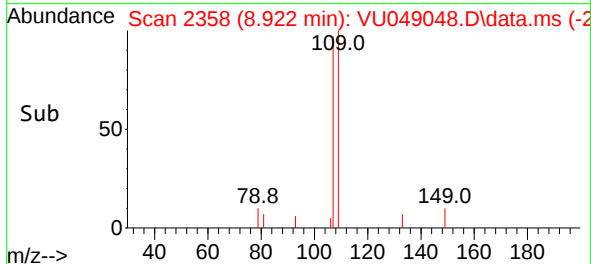


#50
1,2-Dibromoethane
Concen: 0.541 ug/L
RT: 8.922 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Instrument :
MSVOA_U
ClientSampleId :

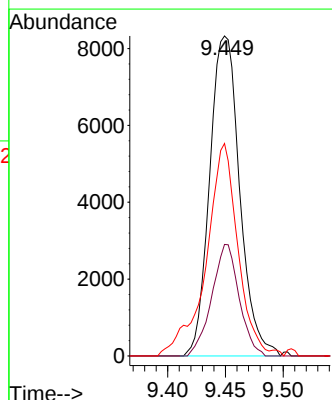
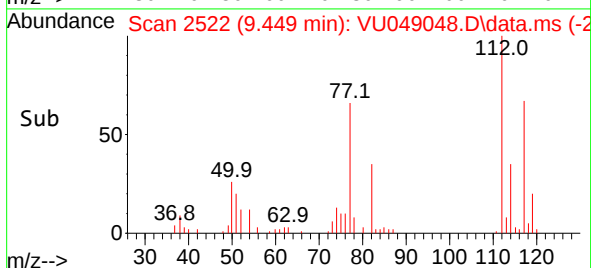
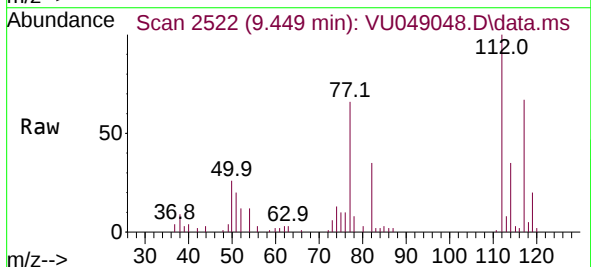


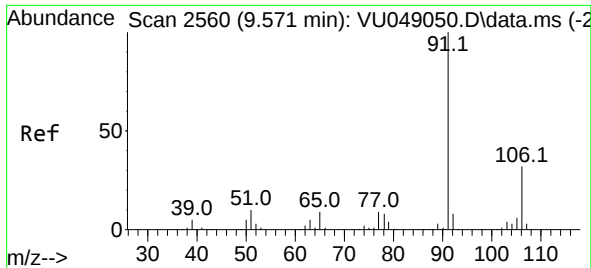
Tgt Ion:107 Resp: 4420
Ion Ratio Lower Upper
107 100
109 103.6 67.0 124.4
188 0.0 2.7 4.1#



#51
Chlorobenzene
Concen: 0.530 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.003 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Tgt Ion:112 Resp: 15074
Ion Ratio Lower Upper
112 100
114 34.8 22.4 41.6
77 66.4 46.6 70.0

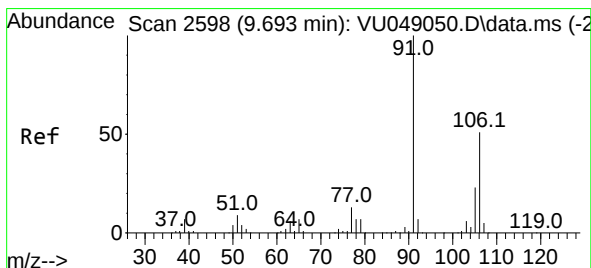
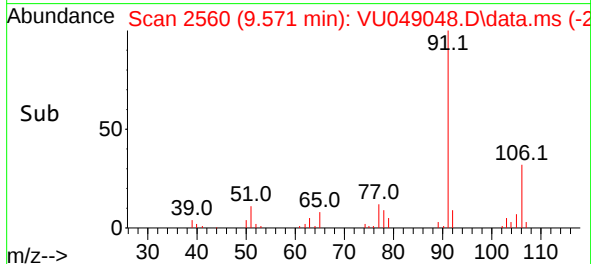
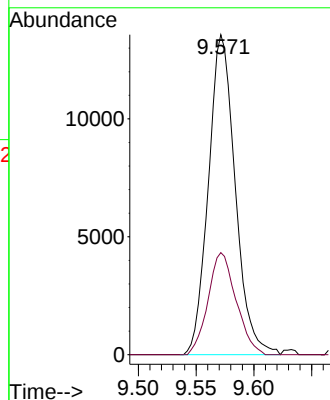
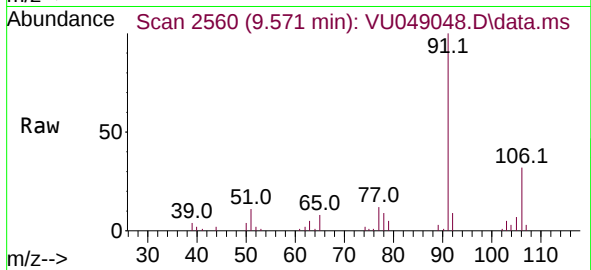




#52
Ethylbenzene
Concen: 0.495 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

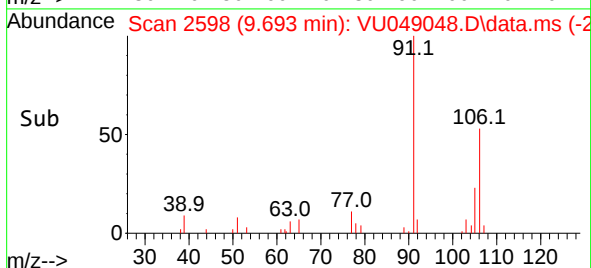
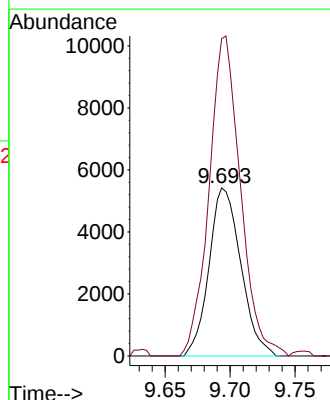
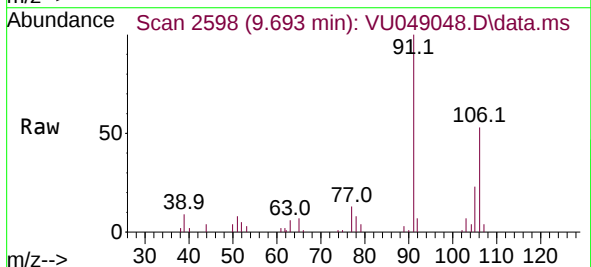
Instrument :
MSVOA_U
ClientSampleId :

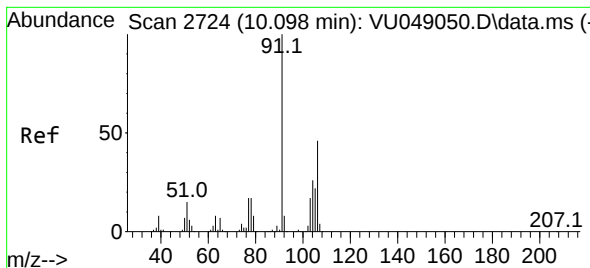
Tgt Ion: 91 Resp: 21897
Ion Ratio Lower Upper
91 100
106 31.9 22.7 42.1



#53
m,p-Xylene
Concen: 0.530 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Tgt Ion: 106 Resp: 9220
Ion Ratio Lower Upper
106 100
91 189.0 137.4 255.2





#54

o-Xylene

Concen: 0.499 ug/L

RT: 10.102 min Scan# 21

Delta R.T. 0.003 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

Instrument :

MSVOA_U

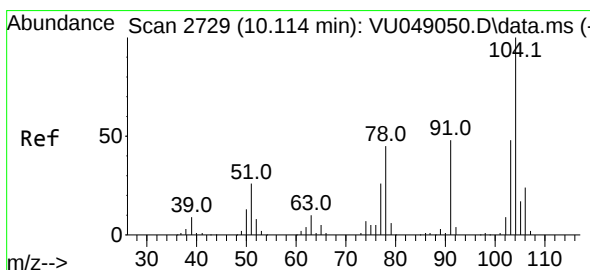
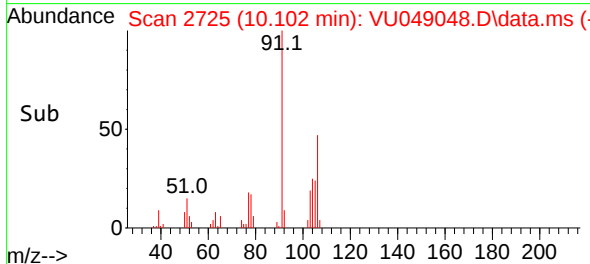
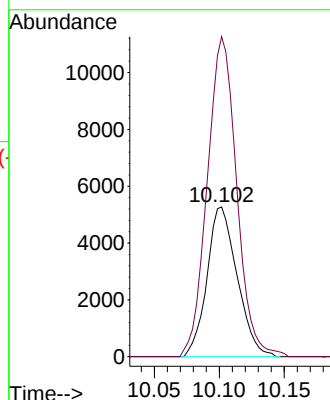
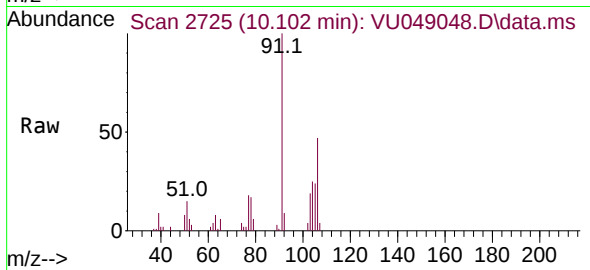
ClientSampleId :

Tgt Ion:106 Resp: 8501

Ion Ratio Lower Upper

106 100

91 213.6 152.5 283.1



#55

Styrene

Concen: 0.450 ug/L

RT: 10.118 min Scan# 2730

Delta R.T. 0.003 min

Lab File: VU049048.D

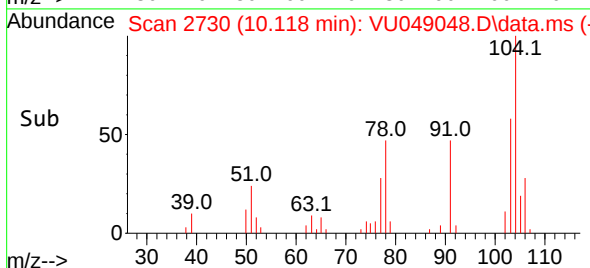
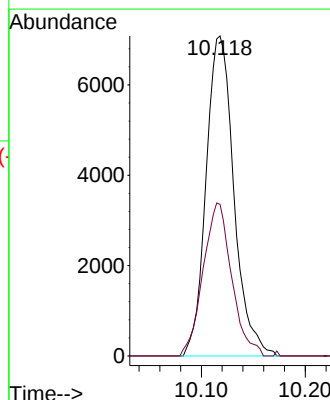
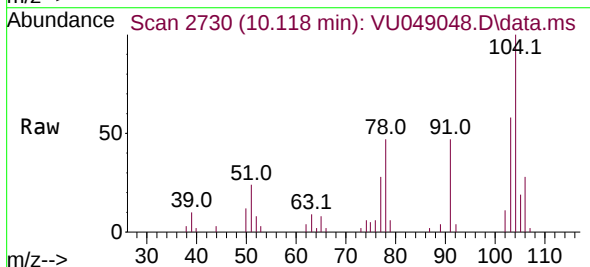
Acq: 11 Jun 2022 12:05

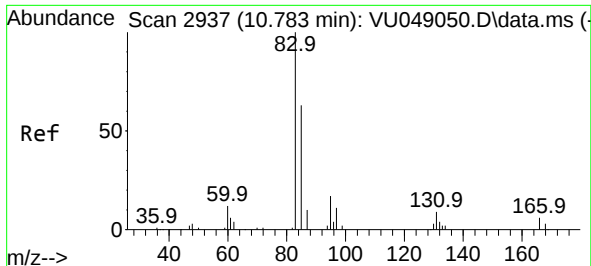
Tgt Ion:104 Resp: 13158

Ion Ratio Lower Upper

104 100

78 47.4 31.1 57.9

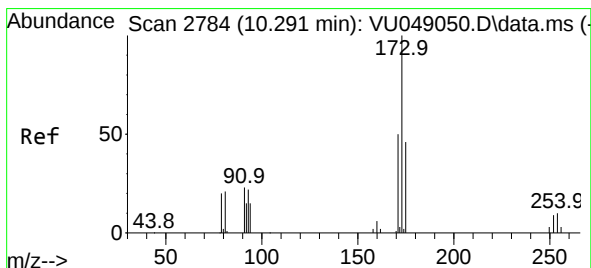
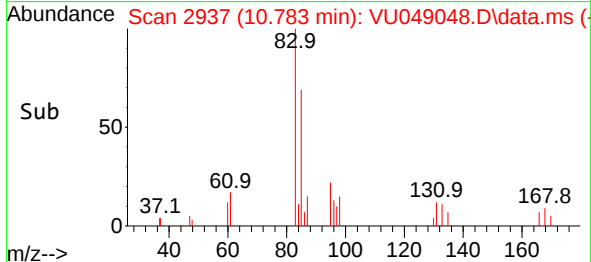
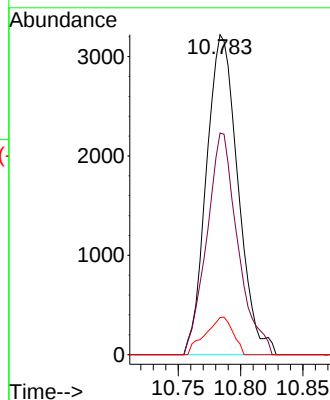
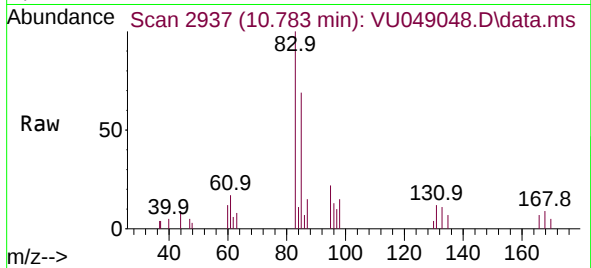




#57
1,1,2,2-Tetrachloroethane
Concen: 0.514 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

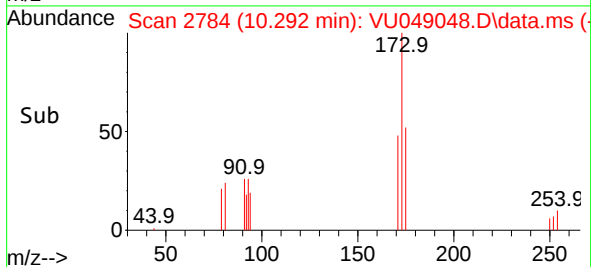
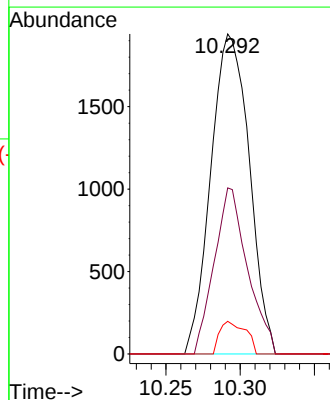
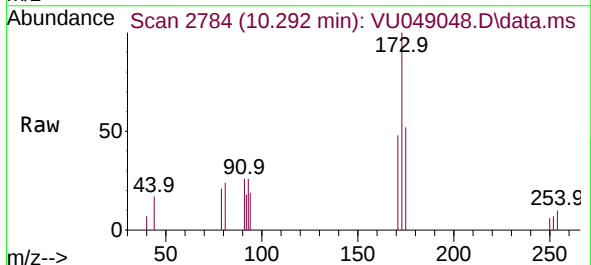
Instrument :
MSVOA_U
ClientSampleId :

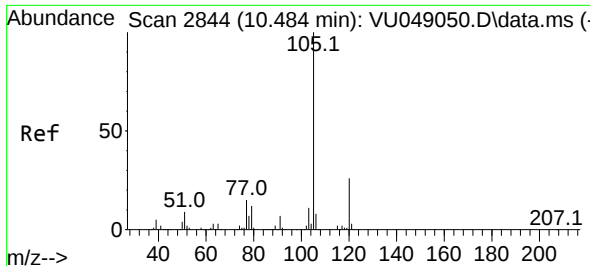
Tgt Ion:	83	Resp:	5675
Ion Ratio	Lower	Upper	
83	100		
85	69.2	45.2	84.0
131	11.6	7.8	11.6



#59
Bromoform
Concen: 0.629 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Tgt Ion:	173	Resp:	3489
Ion Ratio	Lower	Upper	
173	100		
175	45.0	37.9	56.9
254	6.9	7.5	11.3

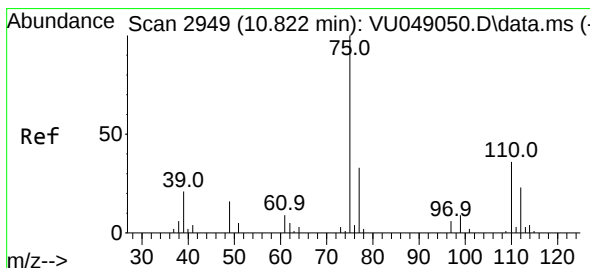
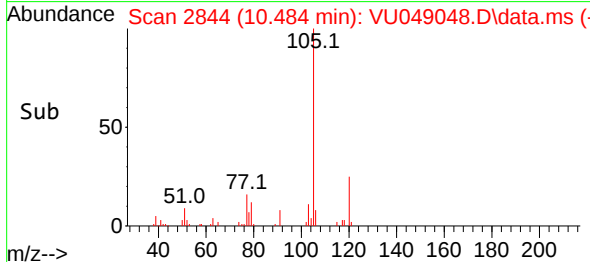
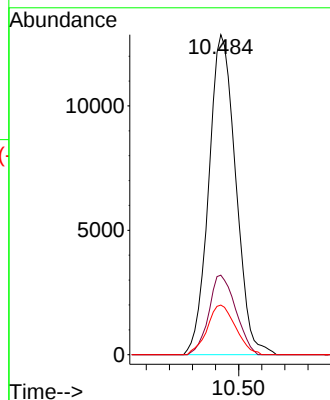
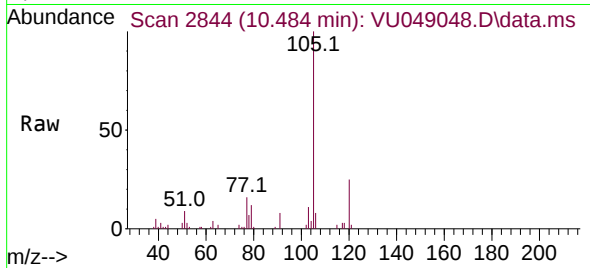




#60
Isopropylbenzene
Concen: 0.555 ug/L
RT: 10.484 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

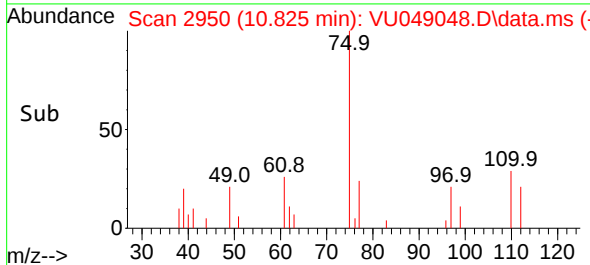
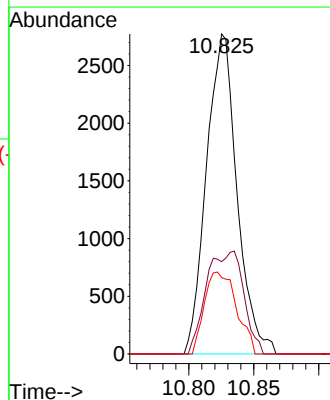
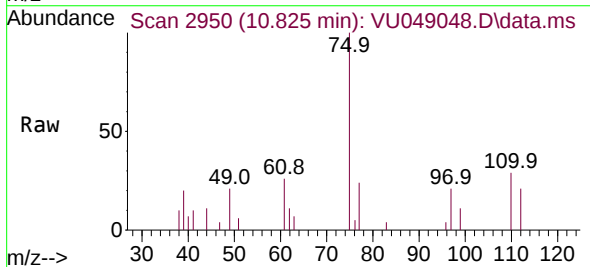
Instrument :
MSVOA_U
ClientSampleId :

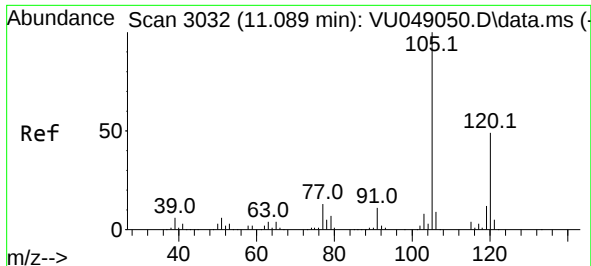
Tgt Ion	Ratio	Lower	Upper
105	100		
120	24.8	21.0	31.4
77	16.3	12.4	18.6



#61
1,2,3-Trichloropropane
Concen: 0.663 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.003 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.2	28.6	43.0
77	26.9	25.4	38.0





#62

1,3,5-Trimethylbenzene

Concen: 0.642 ug/L

RT: 11.089 min Scan# 3032

Delta R.T. 0.000 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

Instrument :

MSVOA_U

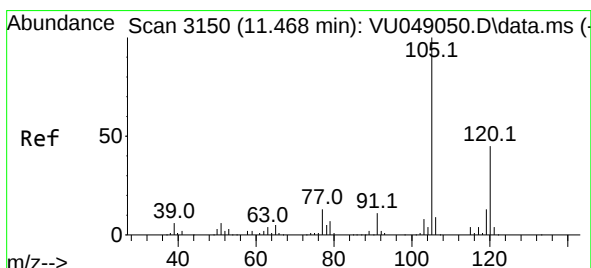
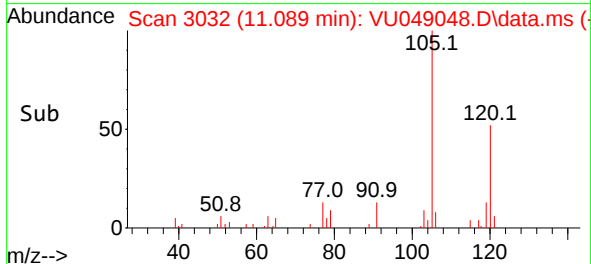
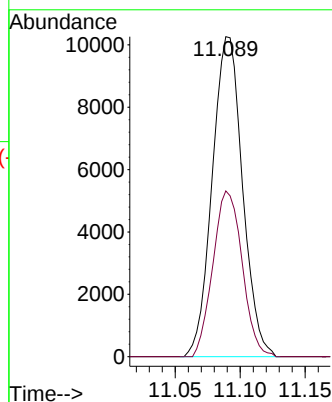
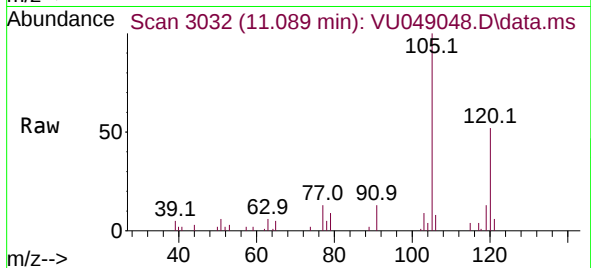
ClientSampleId :

Tgt Ion:105 Resp: 16617

Ion Ratio Lower Upper

105 100

120 50.0 39.4 59.0



#63

1,2,4-Trimethylbenzene

Concen: 0.520 ug/L

RT: 11.472 min Scan# 3151

Delta R.T. 0.003 min

Lab File: VU049048.D

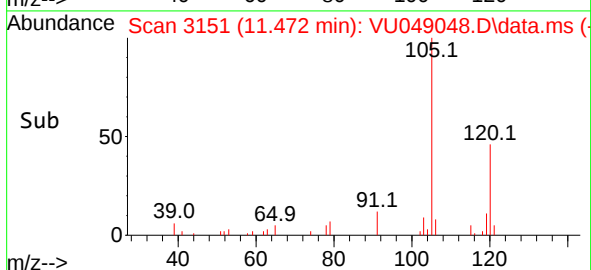
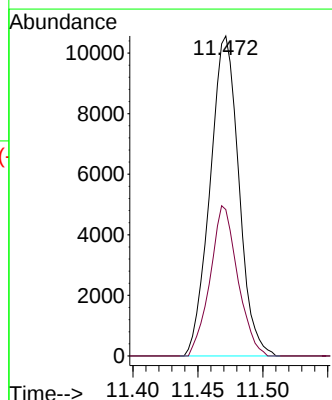
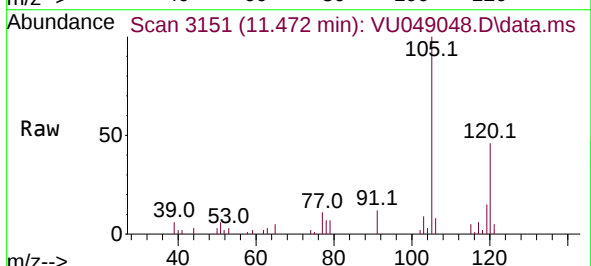
Acq: 11 Jun 2022 12:05

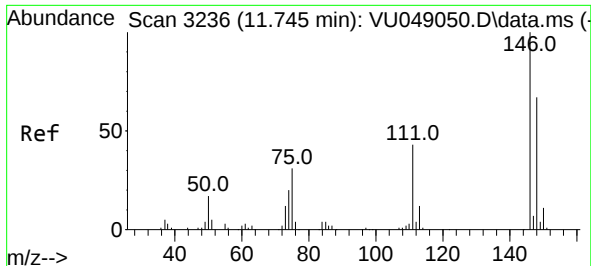
Tgt Ion:105 Resp: 16256

Ion Ratio Lower Upper

105 100

120 45.0 36.7 55.1

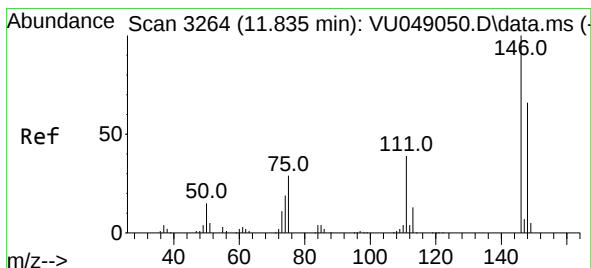
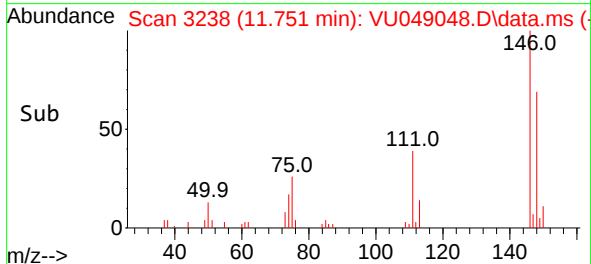
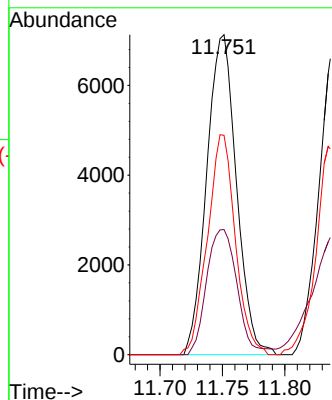
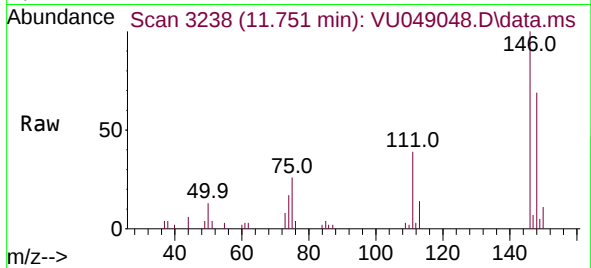




#64
1,3-Dichlorobenzene
Concen: 0.587 ug/L
RT: 11.751 min Scan# 31
Delta R.T. 0.007 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

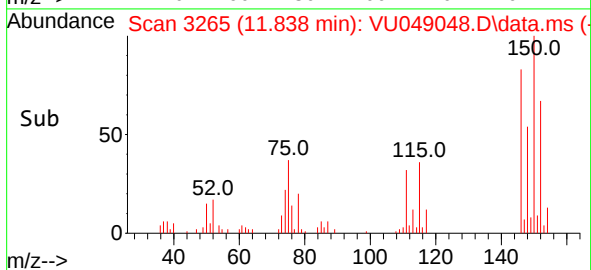
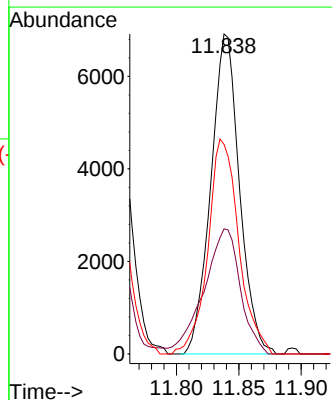
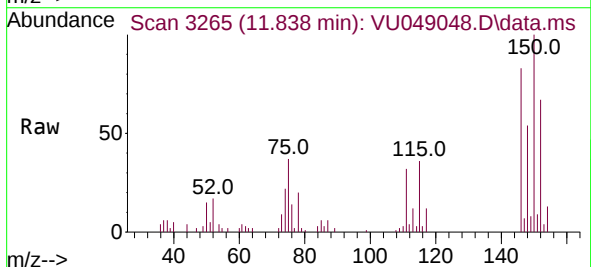
Instrument :
MSVOA_U
ClientSampleId :

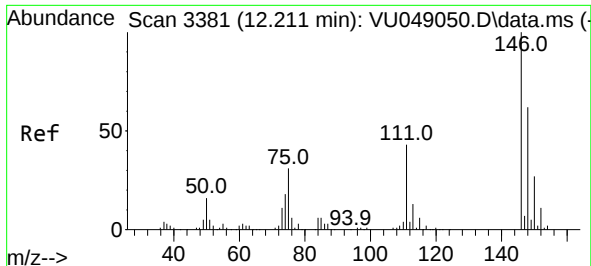
Tgt Ion:146 Resp: 11855
Ion Ratio Lower Upper
146 100
111 39.1 29.8 55.4
148 68.6 47.0 87.2



#65
1,4-Dichlorobenzene
Concen: 0.543 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Tgt Ion:146 Resp: 11088
Ion Ratio Lower Upper
146 100
111 39.1 27.2 50.6
148 65.5 46.5 86.3





#67

1,2-Dichlorobenzene

Concen: 0.555 ug/L

RT: 12.217 min Scan# 31

Delta R.T. 0.007 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

Instrument :

MSVOA_U

ClientSampleId :

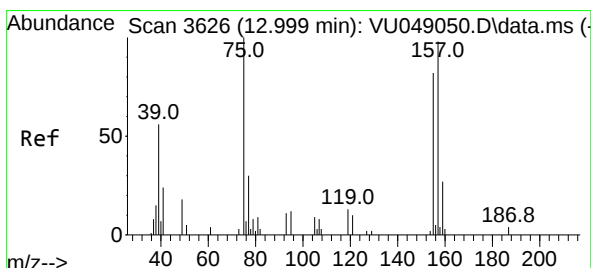
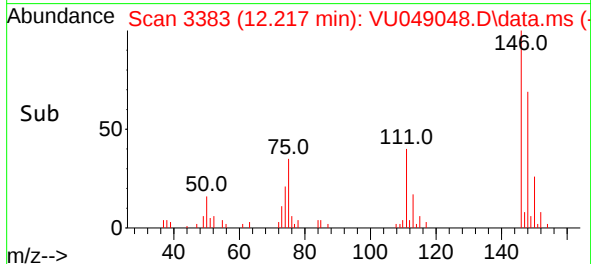
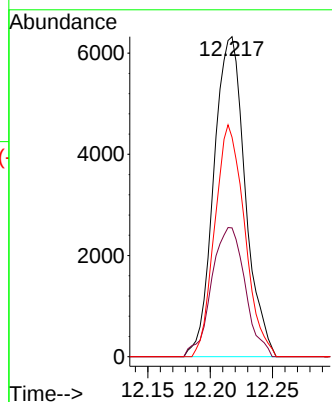
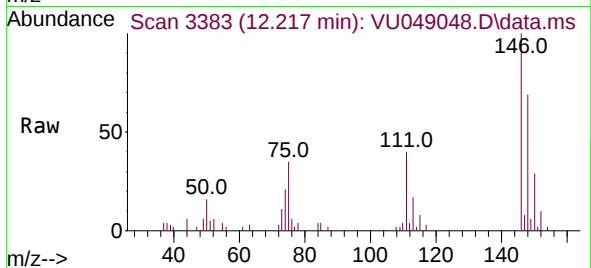
Tgt Ion:146 Resp: 11082

Ion Ratio Lower Upper

146 100

111 40.2 34.1 51.1

148 68.5 49.6 74.4



#68

1,2-Dibromo-3-chloropropane

Concen: 0.616 ug/L

RT: 12.999 min Scan# 3626

Delta R.T. 0.000 min

Lab File: VU049048.D

Acq: 11 Jun 2022 12:05

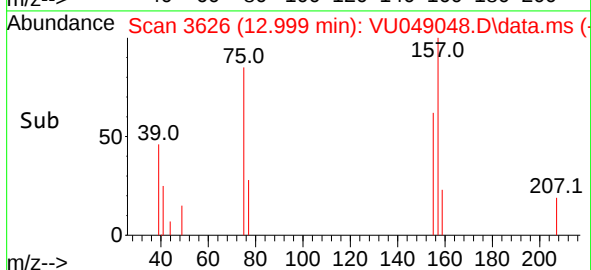
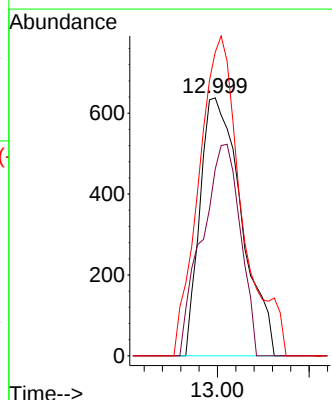
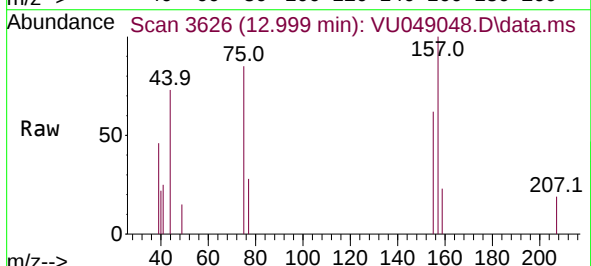
Tgt Ion: 75 Resp: 997

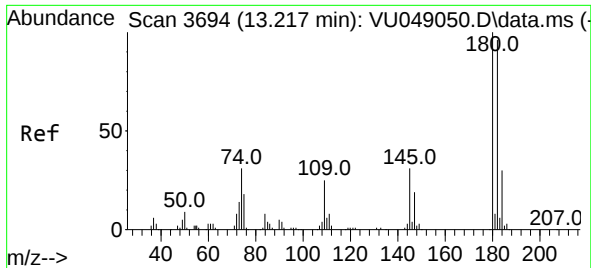
Ion Ratio Lower Upper

75 100

155 72.4 65.8 98.6

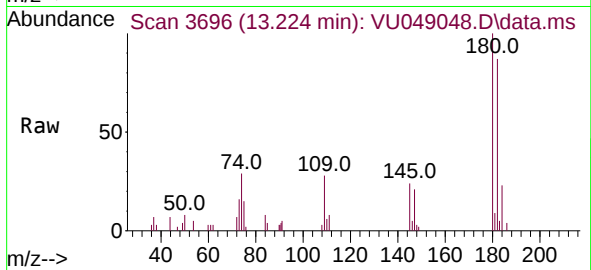
157 117.7 78.6 118.0



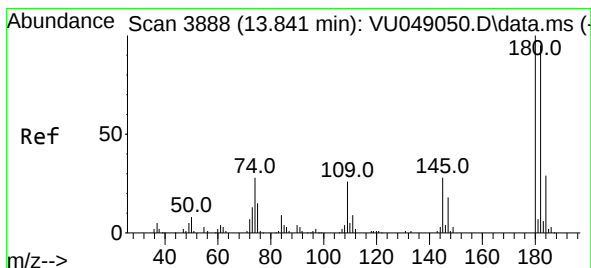
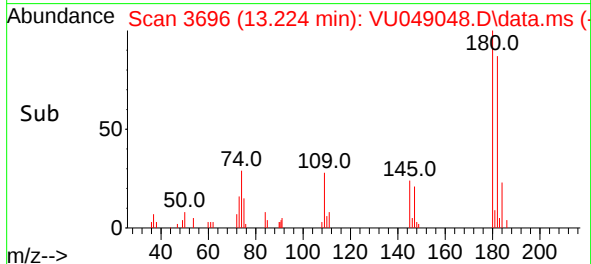
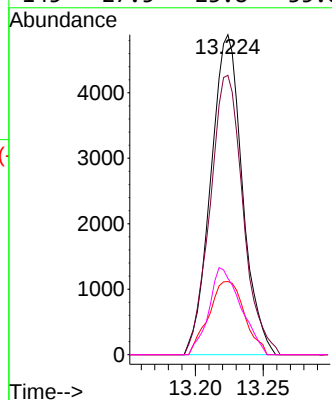


#69
 1,3,5-Trichlorobenzene
 Concen: 0.473 ug/L
 RT: 13.224 min Scan# 3696
 Delta R.T. 0.007 min
 Lab File: VU049048.D
 Acq: 11 Jun 2022 12:05

Instrument :
 MSVOA_U
 ClientSampleId :

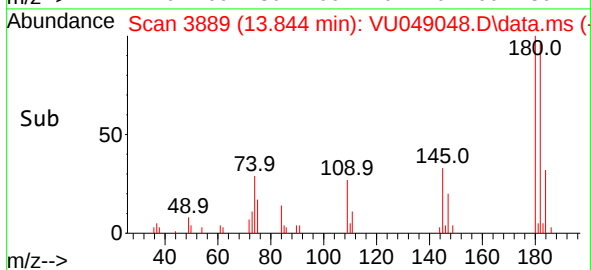
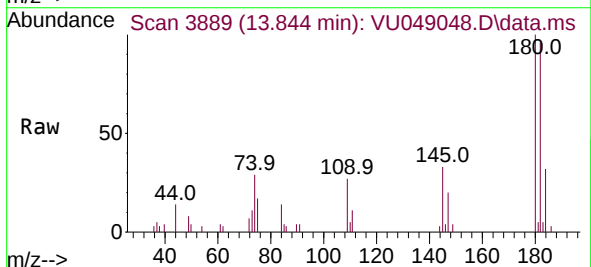
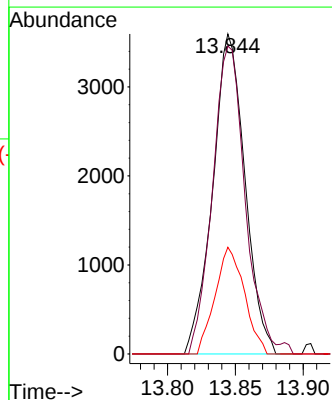


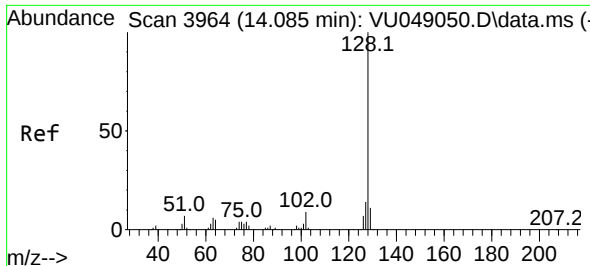
Tgt Ion:180 Resp: 7919
 Ion Ratio Lower Upper
 180 100
 182 90.7 77.1 115.7
 184 25.7 23.6 35.4
 145 27.5 23.8 35.8



#70
 1,2,4-trichlorobenzene
 Concen: 0.414 ug/L
 RT: 13.844 min Scan# 3889
 Delta R.T. 0.003 min
 Lab File: VU049048.D
 Acq: 11 Jun 2022 12:05

Tgt Ion:180 Resp: 5954
 Ion Ratio Lower Upper
 180 100
 182 97.8 75.6 113.4
 145 30.1 23.1 34.7

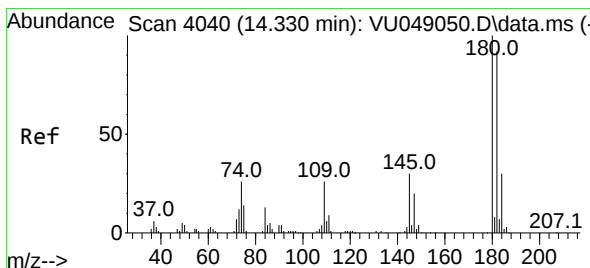
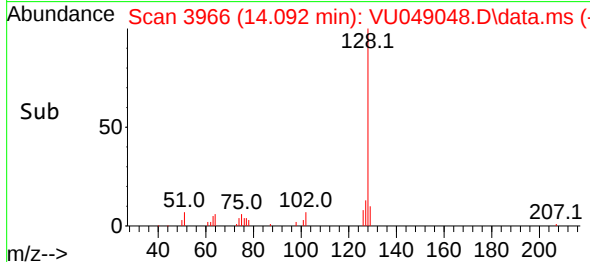
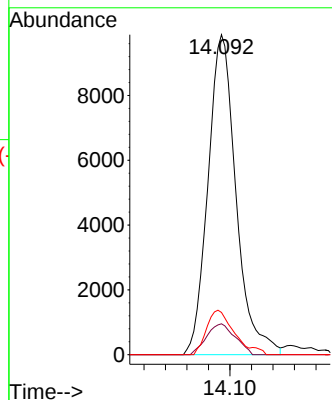
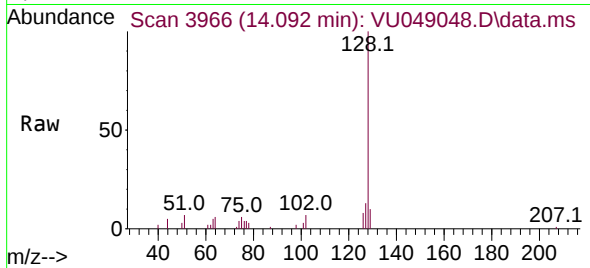




#71
Naphthalene
Concen: 0.681 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.007 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:	128	Resp:	17907
Ion Ratio	Lower	Upper	
128	100		
129	9.8	8.5	12.7
127	13.7	10.5	15.7



#72
1,2,3-Trichlorobenzene
Concen: 0.438 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.007 min
Lab File: VU049048.D
Acq: 11 Jun 2022 12:05

Tgt Ion:	180	Resp:	6073
Ion Ratio	Lower	Upper	
180	100		
182	98.8	74.6	112.0
145	33.9	24.4	36.6

