

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030922\
 Data File : VU047406.D
 Acq On : 09 Mar 2022 15:23
 Operator : SY/MD
 Sample : VSTDICV005
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 10 00:47:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 10 00:41:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	178813	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	170815	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	95612	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	46735	4.819	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.400%
7) Chloroethane-d5	1.919	69	35375	4.969	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.400%
11) 1,1-Dichloroethene-d2	2.571	65	21085	4.922	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.400%
20) 2-Butanone-d5	4.642	46	84292	48.819	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.640%
24) Chloroform-d	5.070	84	75970	4.917	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.400%
26) 1,2-Dichloroethane-d4	5.706	65	36643	4.684	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.600%
32) Benzene-d6	5.732	84	156300	4.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.200%
36) 1,2-Dichloropropane-d6	6.694	67	45438	4.780	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.899	98	156210	4.946	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.000%
43) trans-1,3-Dichloroprop...	8.182	79	20220	5.010	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.200%
46) 2-Hexanone-d5	8.639	63	87751	49.360	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.720%
56) 1,1,2,2-Tetrachloroeth...	10.761	84	39845	4.810	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	60483	4.989	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	68354	5.106	ug/L	99
3) Chloromethane	1.523	50	66003	4.937	ug/L	98
5) Vinyl chloride	1.607	62	66639	5.068	ug/L	97
6) Bromomethane	1.864	94	38032	5.072	ug/L	99
8) Chloroethane	1.938	64	40158	5.028	ug/L	100
9) Trichlorofluoromethane	2.144	101	89745	5.180	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	55274	5.167	ug/L	99
12) 1,1-Dichloroethene	2.588	96	52443	4.995	ug/L	97
13) Acetone	2.652	43	78215	49.303	ug/L	97
14) Carbon disulfide	2.800	76	162720	5.049	ug/L	100
15) Methyl Acetate	2.961	43	19949	4.759	ug/L #	90
16) Methylene chloride	3.051	84	58802	4.692	ug/L	97
17) Methyl tert-butyl Ether	3.369	73	134916	4.983	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	55981	4.981	ug/L	99
19) 1,1-Dichloroethane	3.877	63	96152	5.030	ug/L	97
21) 2-Butanone	4.723	43	133719	46.806	ug/L	95
22) cis-1,2-Dichloroethene	4.671	96	62157	4.991	ug/L	99
23) Bromochloromethane	4.980	128	30548	5.133	ug/L	99
25) Chloroform	5.092	83	102642	4.959	ug/L	96

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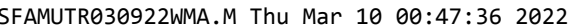
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 ClientSampleId :

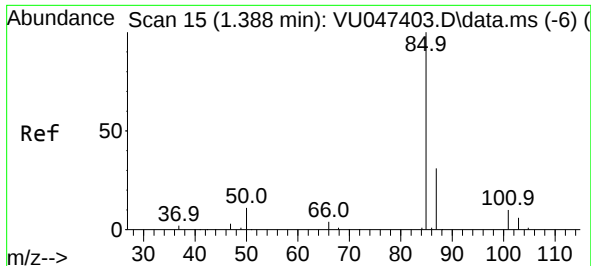
Quant Time: Mar 10 00:47:29 2022
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	65799	4.938	ug/L	98
29) 1,1,1-Trichloroethane	5.321	97	88912	5.038	ug/L	99
30) Cyclohexane	5.395	56	86316	5.077	ug/L	99
31) Carbon tetrachloride	5.530	117	77790	5.018	ug/L	96
33) Benzene	5.777	78	228157	4.946	ug/L	100
34) Trichloroethene	6.546	95	62965	5.106	ug/L	99
35) Methylcyclohexane	6.767	83	99525	5.116	ug/L	98
37) 1,2-Dichloropropane	6.793	63	56209	4.892	ug/L	100
38) Bromodichloromethane	7.108	83	76623	5.023	ug/L	97
39) cis-1,3-Dichloropropene	7.610	75	88318	5.070	ug/L	100
40) 4-Methyl-2-pentanone	7.796	43	388251	49.572	ug/L	99
42) Toluene	7.970	91	254984	5.088	ug/L	98
44) trans-1,3-Dichloropropene	8.211	75	77951	4.962	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	47967	5.094	ug/L	99
47) Tetrachloroethene	8.555	164	54133	5.174	ug/L	98
48) 2-Hexanone	8.687	43	287410	50.581	ug/L	99
49) Dibromochloromethane	8.812	129	57510	5.028	ug/L	96
50) 1,2-Dibromoethane	8.925	107	48743	5.087	ug/L	100
51) Chlorobenzene	9.449	112	169980	5.070	ug/L	99
52) Ethylbenzene	9.571	91	276725	5.098	ug/L	99
53) m,p-Xylene	9.697	106	108817	5.111	ug/L	98
54) o-Xylene	10.102	106	105953	5.136	ug/L	98
55) Styrene	10.115	104	179293	5.141	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	62993	4.998	ug/L	98
59) Bromoform	10.295	173	36822	5.115	ug/L	98
60) Isopropylbenzene	10.484	105	280850	5.250	ug/L	100
61) 1,2,3-Trichloropropane	10.825	75	44364	5.009	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	184233	5.251	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	240408	5.282	ug/L	100
64) 1,3-Dichlorobenzene	11.748	146	146585	5.170	ug/L	99
65) 1,4-Dichlorobenzene	11.838	146	147193	5.112	ug/L	98
67) 1,2-Dichlorobenzene	12.214	146	139969	5.138	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.999	75	10733	5.376	ug/L	90
69) 1,3,5-Trichlorobenzene	13.221	180	127101	5.465	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	113469	5.474	ug/L	99
71) Naphthalene	14.085	128	211927	5.716	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	104864	5.517	ug/L	99

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

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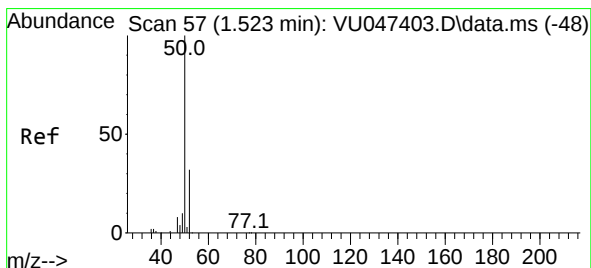
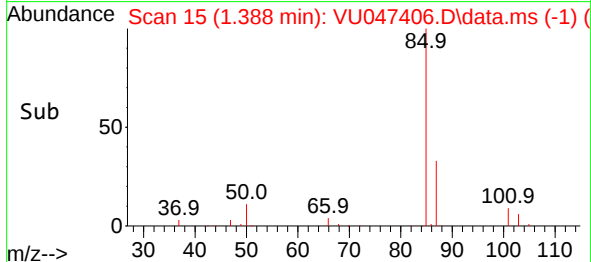
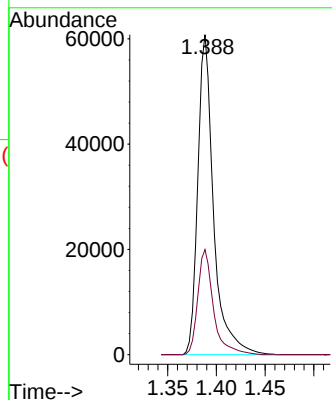
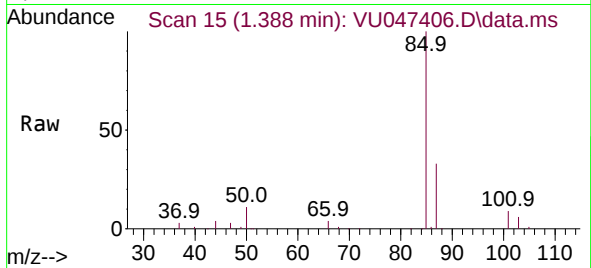




#2
 Dichlorodifluoromethane
 Concen: 5.106 ug/L
 RT: 1.388 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VU047406.D
 Acq: 09 Mar 2022 15:23

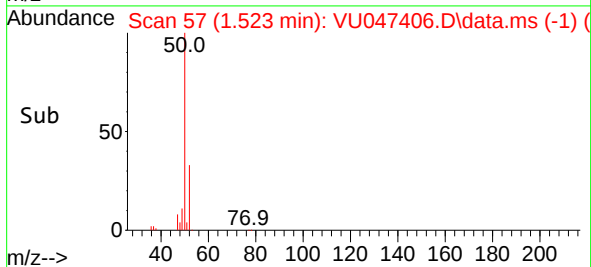
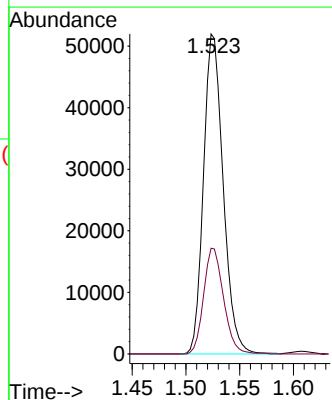
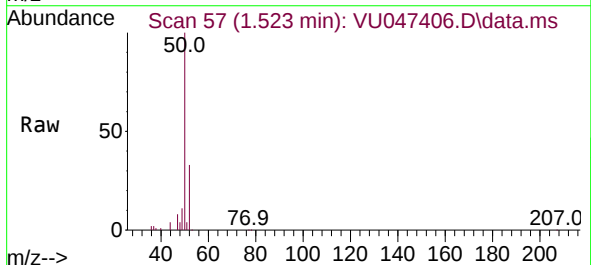
Instrument :
 MSVOA_U
 ClientSampleId :

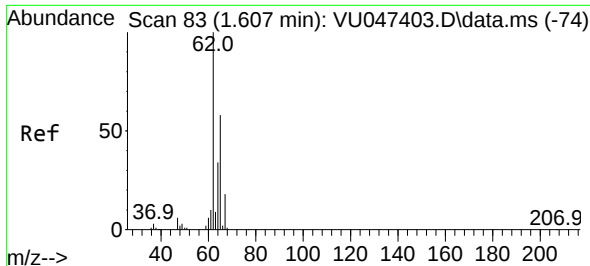
Tgt Ion: 85 Resp: 68354
 Ion Ratio Lower Upper
 85 100
 87 32.7 25.6 38.4



#3
 Chloromethane
 Concen: 4.937 ug/L
 RT: 1.523 min Scan# 57
 Delta R.T. -0.000 min
 Lab File: VU047406.D
 Acq: 09 Mar 2022 15:23

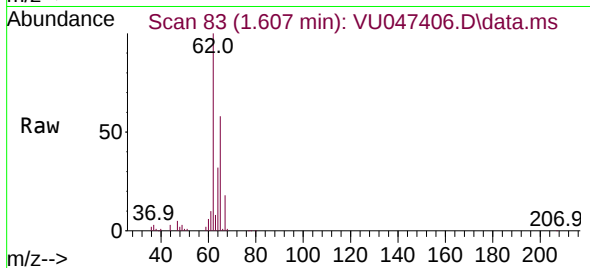
Tgt Ion: 50 Resp: 66003
 Ion Ratio Lower Upper
 50 100
 52 33.0 22.5 41.9



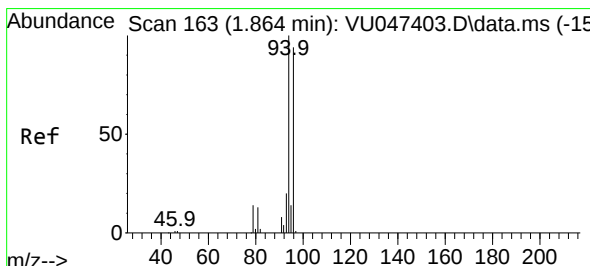
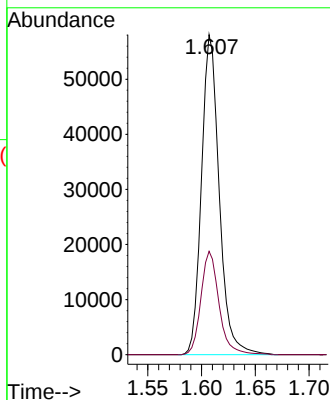
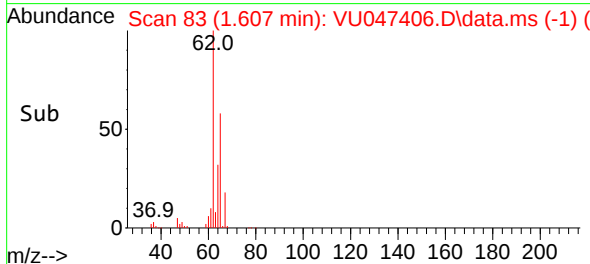


#5
 Vinyl chloride
 Concen: 5.068 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047406.D
 Acq: 09 Mar 2022 15:23

Instrument :
 MSVOA_U
 ClientSampleId :

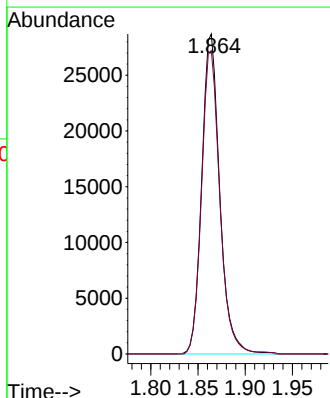
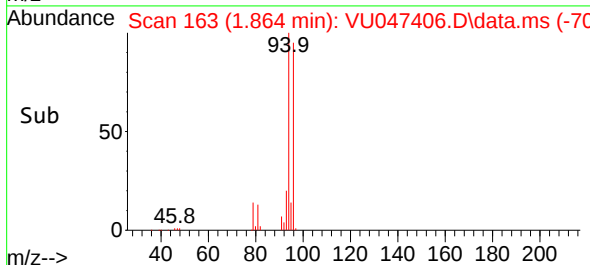
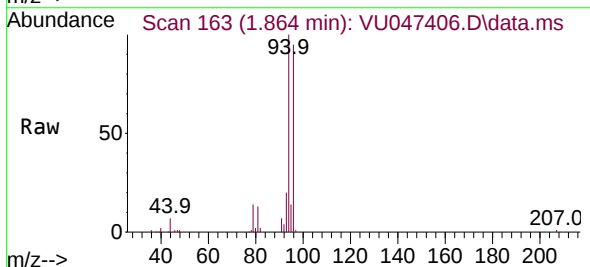


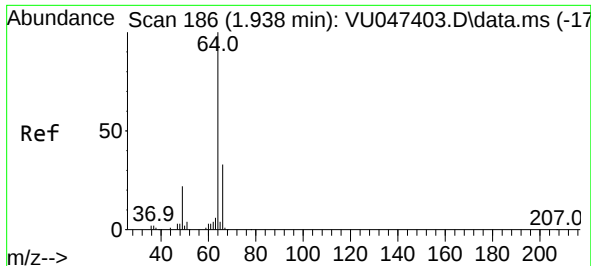
Tgt Ion: 62 Resp: 66639
 Ion Ratio Lower Upper
 62 100
 64 32.3 23.7 43.9



#6
 Bromomethane
 Concen: 5.072 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047406.D
 Acq: 09 Mar 2022 15:23

Tgt Ion: 94 Resp: 38032
 Ion Ratio Lower Upper
 94 100
 96 94.8 65.6 121.8

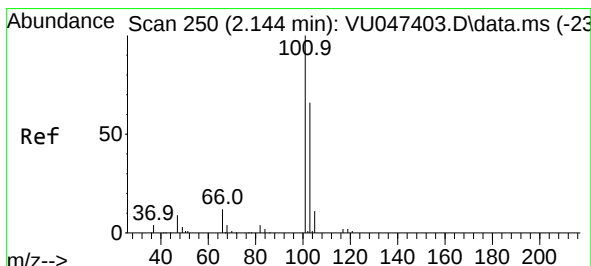
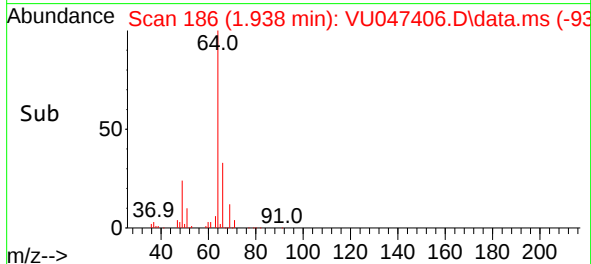
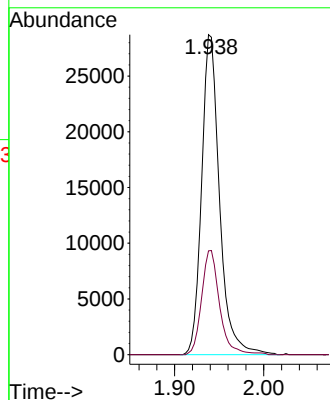
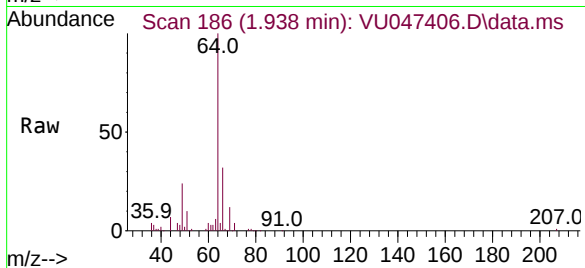




#8
Chloroethane
Concen: 5.028 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

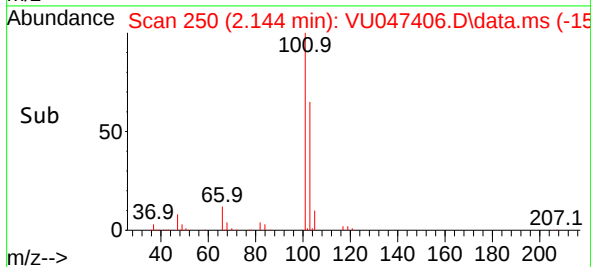
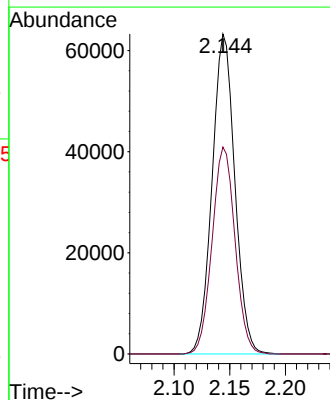
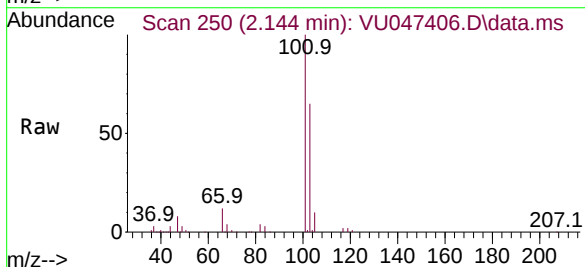
Instrument :
MSVOA_U
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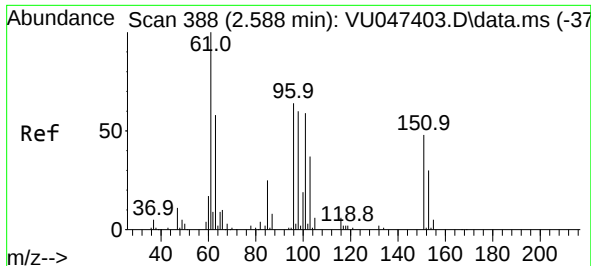
Tgt Ion: 64 Resp: 40158
Ion Ratio Lower Upper
64 100
66 32.4 22.9 42.5



#9
Trichlorofluoromethane
Concen: 5.180 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Tgt Ion: 101 Resp: 89745
Ion Ratio Lower Upper
101 100
103 65.2 51.8 77.8





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 5.167 ug/L

RT: 2.588 min Scan# 388

Delta R.T. -0.000 min

Lab File: VU047406.D

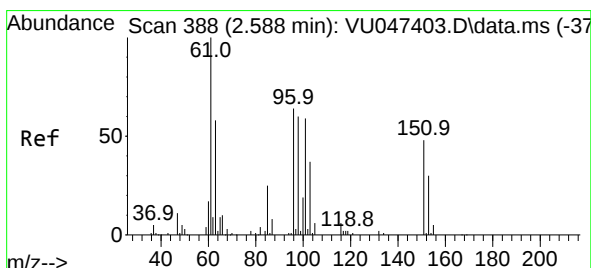
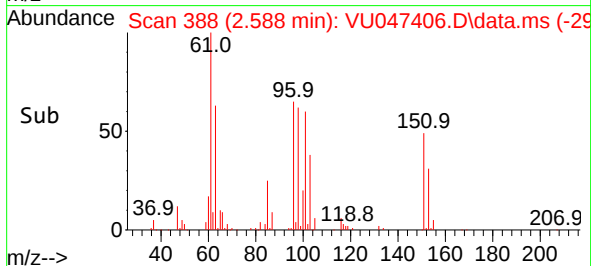
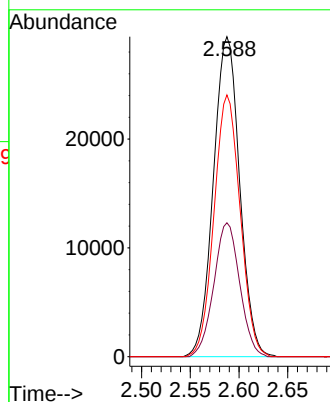
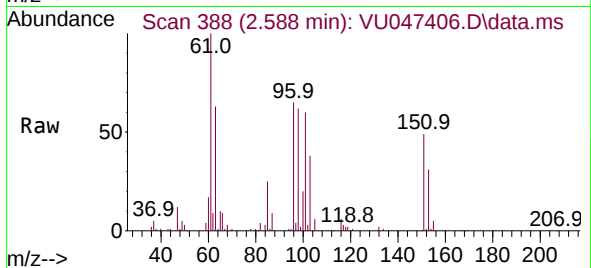
Acq: 09 Mar 2022 15:23

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	101	Resp:	55274
Ion	Ratio	Lower	Upper
101	100		
85	41.1	33.8	50.6
151	81.2	64.8	97.2



#12

1,1-Dichloroethene

Concen: 4.995 ug/L

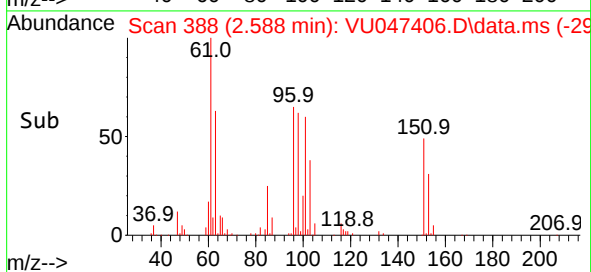
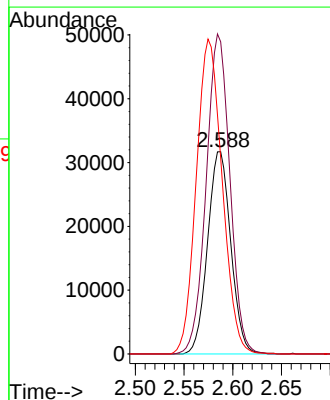
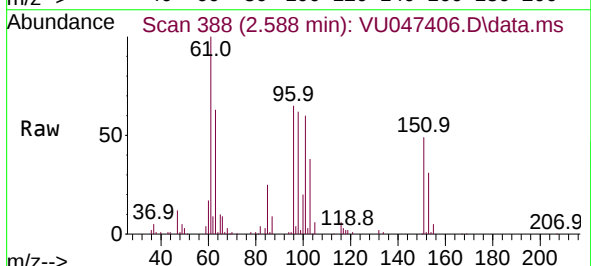
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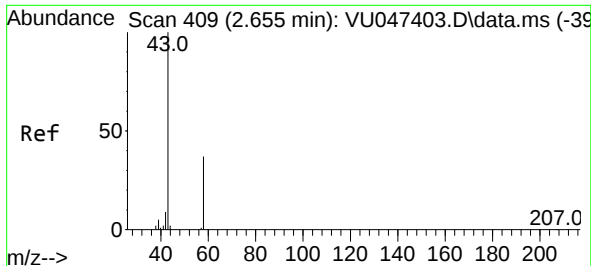
Delta R.T. -0.000 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

Tgt Ion:	96	Resp:	52443
Ion	Ratio	Lower	Upper
96	100		
61	154.3	108.8	202.0
63	96.9	64.0	119.0





#13

Acetone

Concen: 49.303 ug/L

RT: 2.652 min Scan# 409

Delta R.T. -0.003 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

Instrument :

MSVOA_U

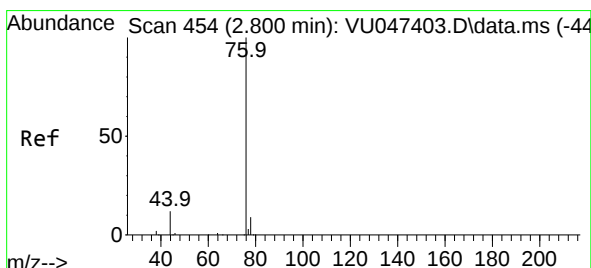
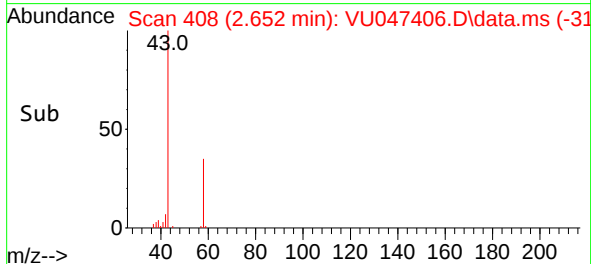
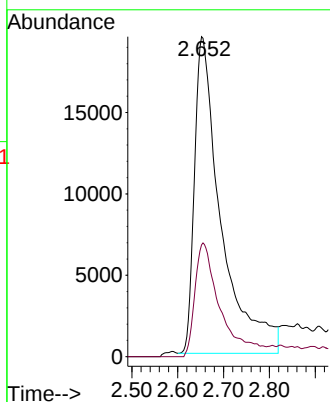
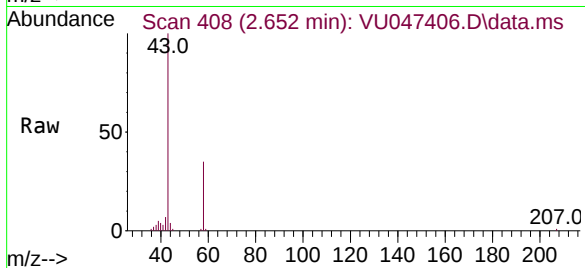
ClientSampleId :

Tgt Ion: 43 Resp: 78215

Ion Ratio Lower Upper

43 100

58 34.5 0.0 72.6



#14

Carbon disulfide

Concen: 5.049 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047406.D

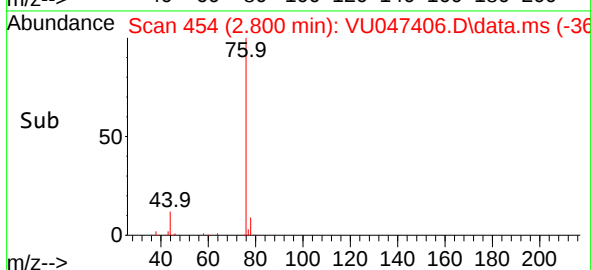
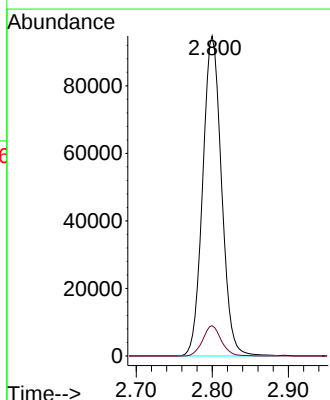
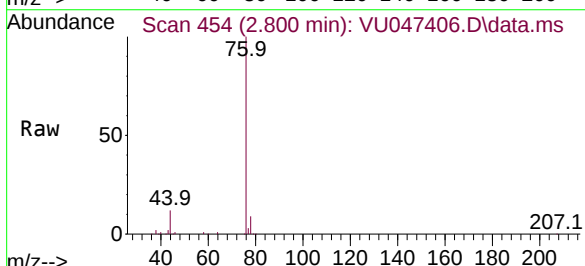
Acq: 09 Mar 2022 15:23

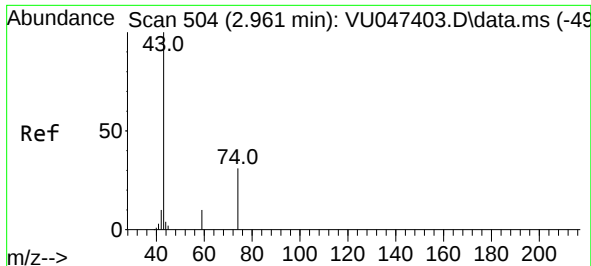
Tgt Ion: 76 Resp: 162720

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2

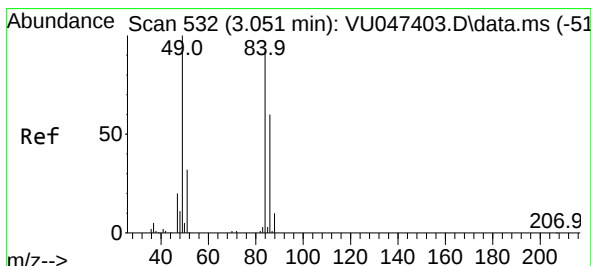
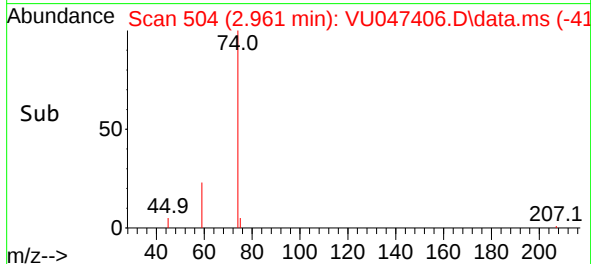
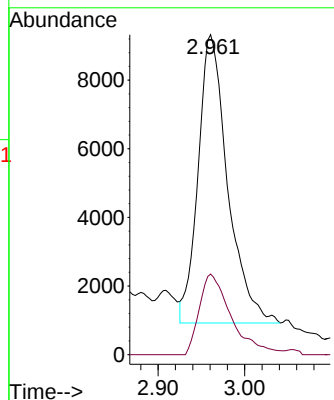
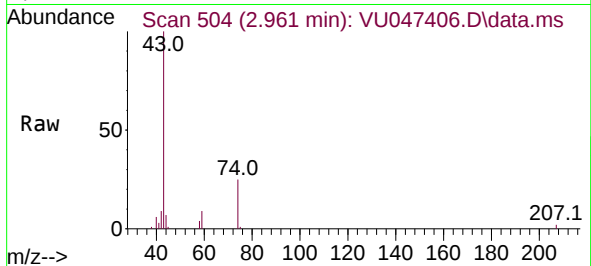




#15
Methyl Acetate
Concen: 4.759 ug/L
RT: 2.961 min Scan# 504
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

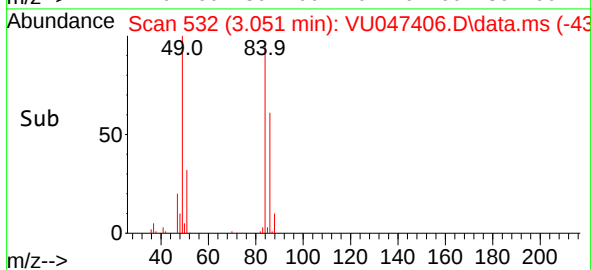
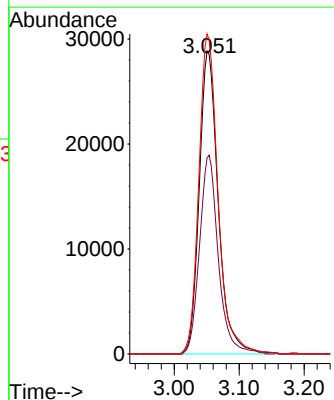
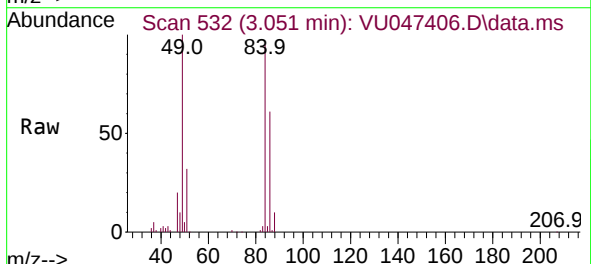
Instrument :
MSVOA_U
ClientSampleId :

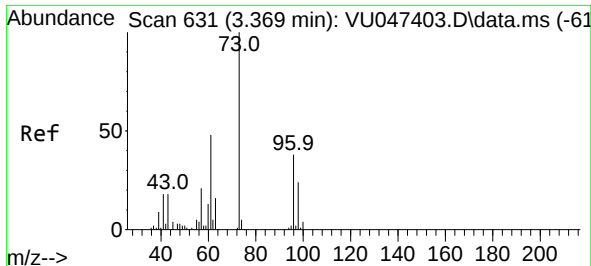
Tgt Ion: 43 Resp: 19949
Ion Ratio Lower Upper
43 100
74 30.3 20.2 30.2#



#16
Methylene chloride
Concen: 4.692 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Tgt Ion: 84 Resp: 58802
Ion Ratio Lower Upper
84 100
86 64.7 45.9 85.3
49 105.6 76.4 141.8

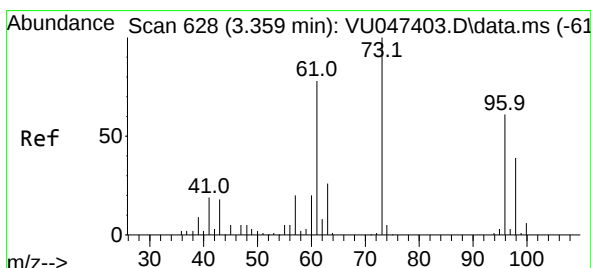
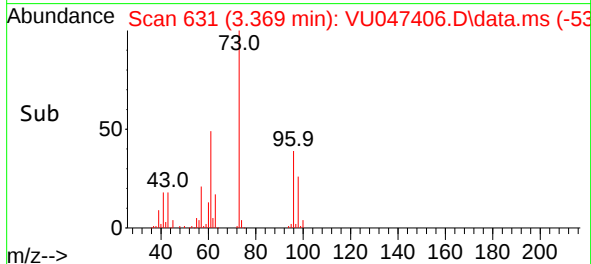
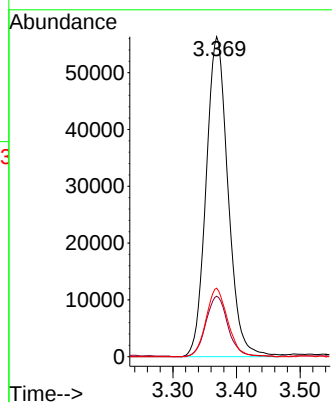
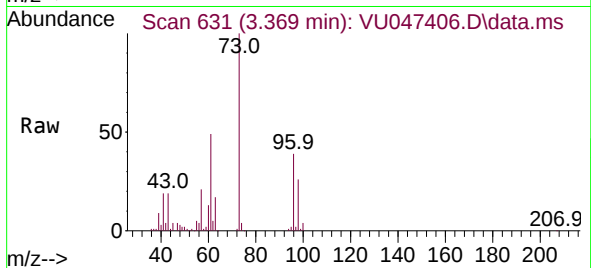




#17
Methyl tert-butyl Ether
Concen: 4.983 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

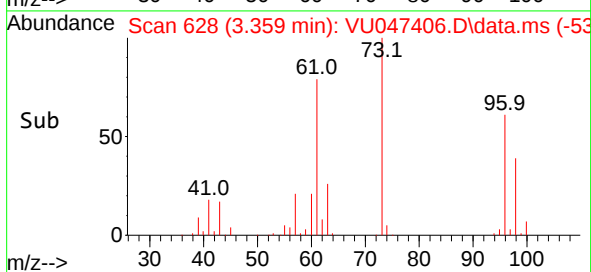
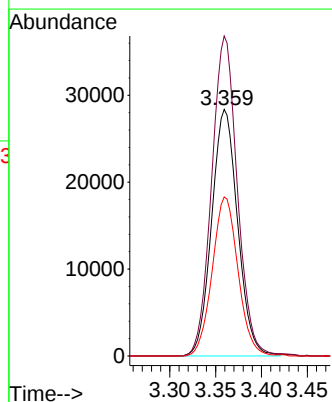
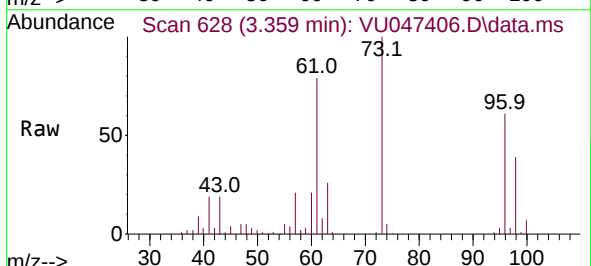
Instrument :
MSVOA_U
ClientSampleId :

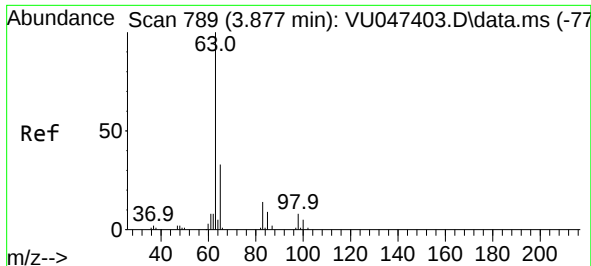
Tgt Ion: 73 Resp: 134916
Ion Ratio Lower Upper
73 100
43 19.1 14.6 22.0
57 21.1 16.5 24.7



#18
trans-1,2-Dichloroethene
Concen: 4.981 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Tgt Ion: 96 Resp: 55981
Ion Ratio Lower Upper
96 100
61 129.8 90.4 167.8
98 64.5 45.0 83.6





#19

1,1-Dichloroethane

Concen: 5.030 ug/L

RT: 3.877 min Scan# 789

Delta R.T. -0.000 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

Instrument :

MSVOA_U

ClientSampleId :

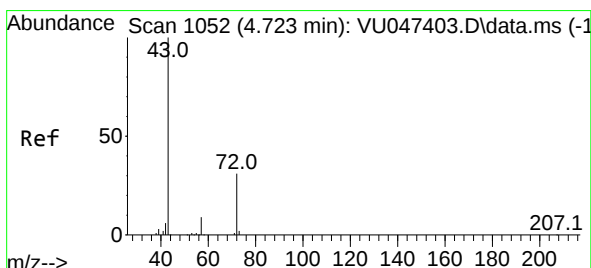
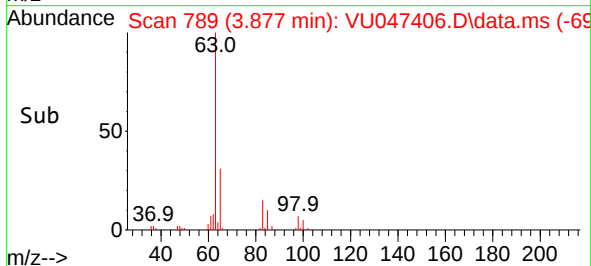
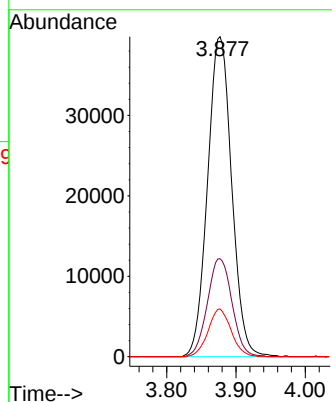
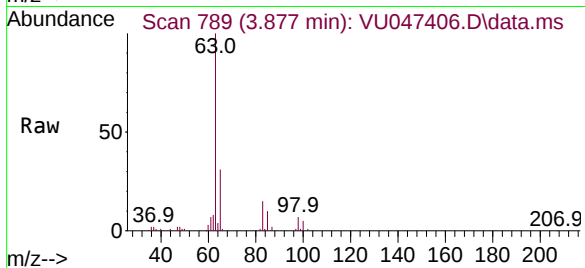
Tgt Ion: 63 Resp: 96152

Ion Ratio Lower Upper

63 100

65 30.6 22.8 42.4

83 14.9 9.9 18.3



#21

2-Butanone

Concen: 46.806 ug/L

RT: 4.723 min Scan# 1052

Delta R.T. -0.000 min

Lab File: VU047406.D

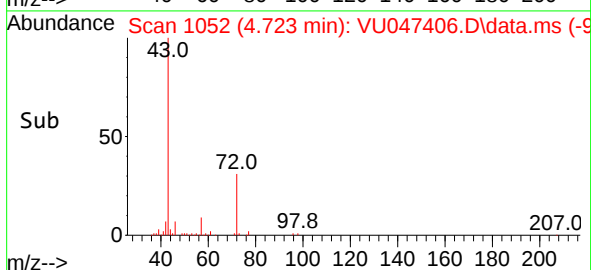
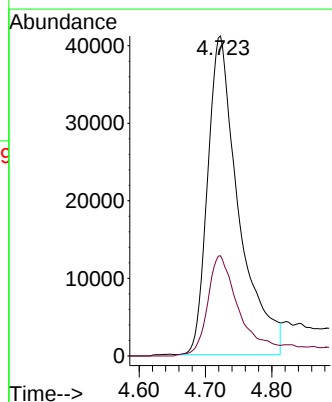
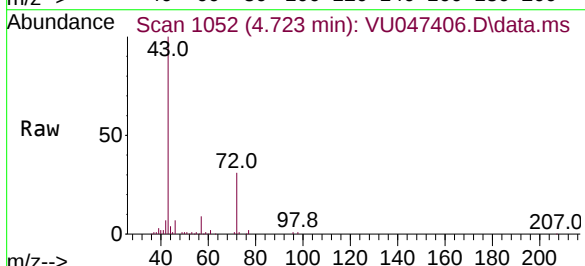
Acq: 09 Mar 2022 15:23

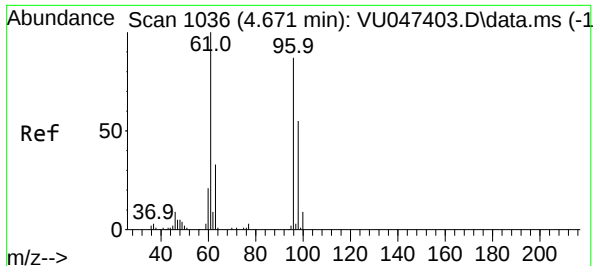
Tgt Ion: 43 Resp: 133719

Ion Ratio Lower Upper

43 100

72 32.3 14.7 44.1





#22

cis-1,2-Dichloroethene

Concen: 4.991 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

Instrument :

MSVOA_U

ClientSampleId :

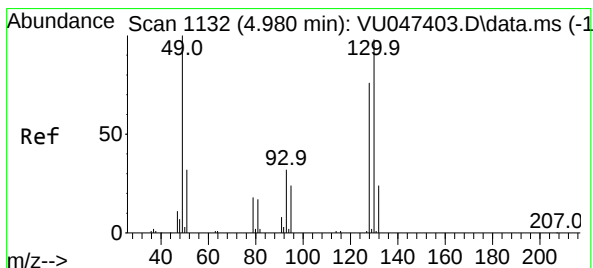
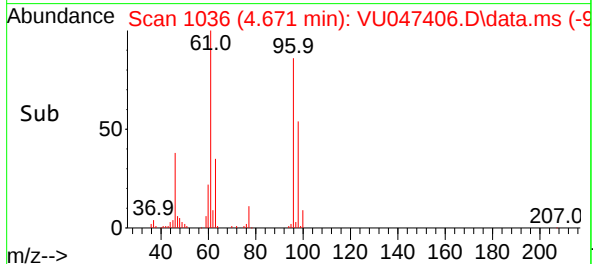
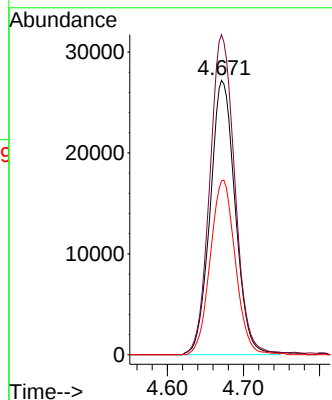
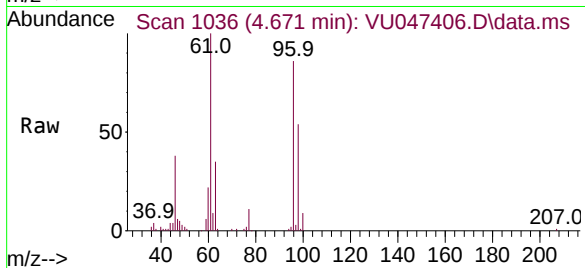
Tgt Ion: 96 Resp: 62157

Ion Ratio Lower Upper

96 100

61 116.6 80.8 150.0

98 63.3 44.7 83.1



#23

Bromochloromethane

Concen: 5.133 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

Tgt Ion: 128 Resp: 30548

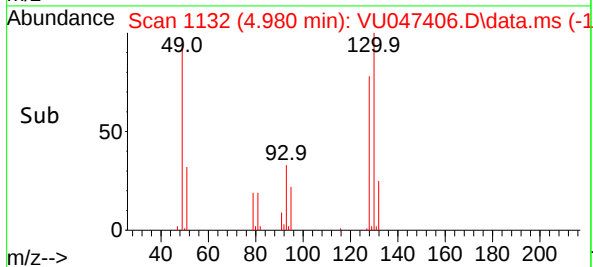
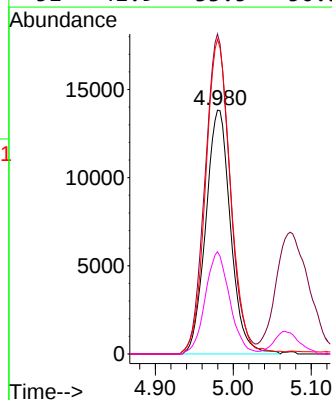
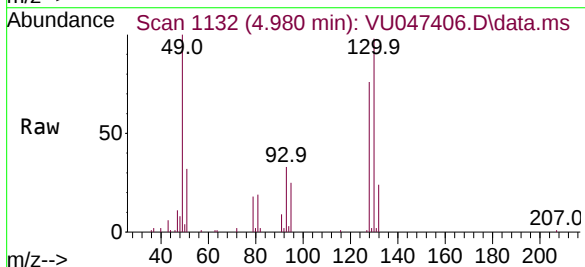
Ion Ratio Lower Upper

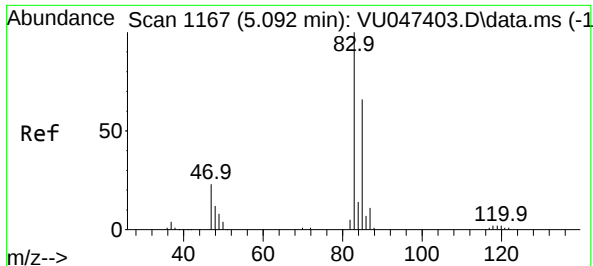
128 100

49 131.3 91.6 170.2

130 129.0 89.6 166.4

51 41.9 33.5 50.3





#25

Chloroform

Concen: 4.959 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

Instrument :

MSVOA_U

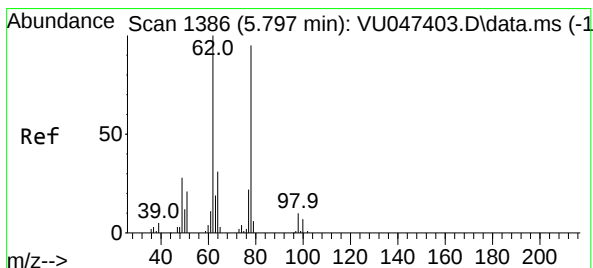
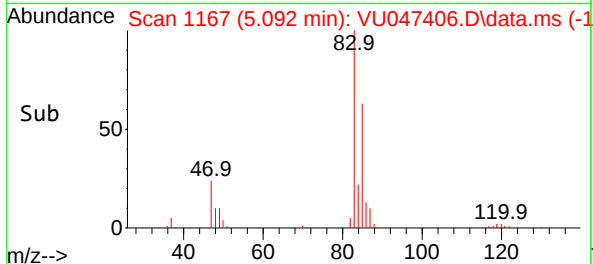
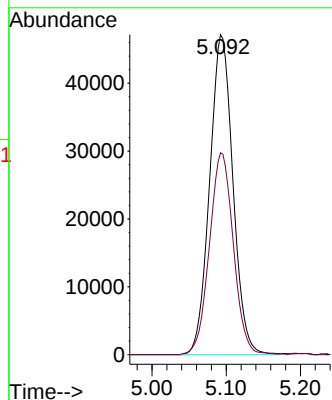
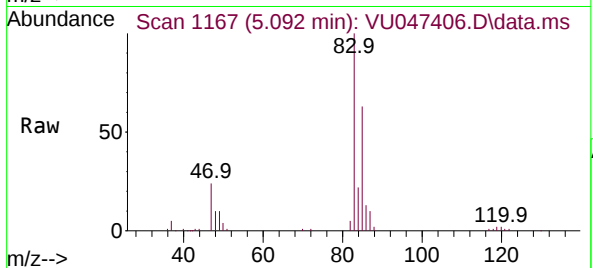
ClientSampleId :

Tgt Ion: 83 Resp: 102642

Ion Ratio Lower Upper

83 100

85 63.1 46.2 85.8



#27

1,2-Dichloroethane

Concen: 4.938 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047406.D

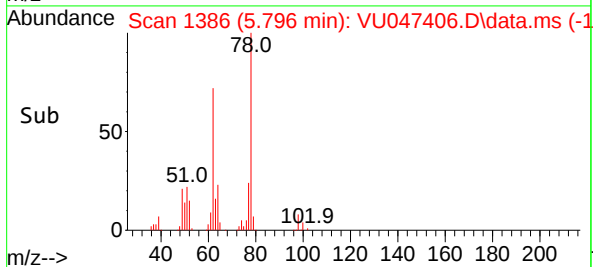
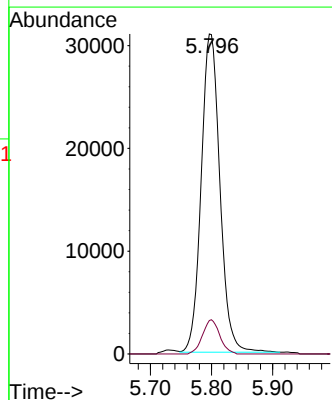
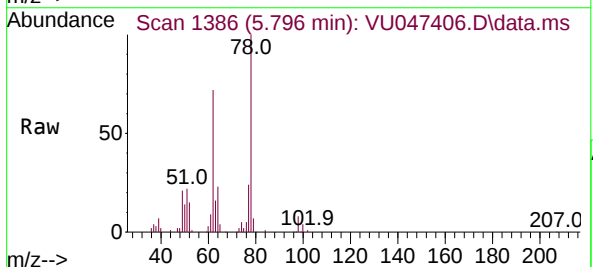
Acq: 09 Mar 2022 15:23

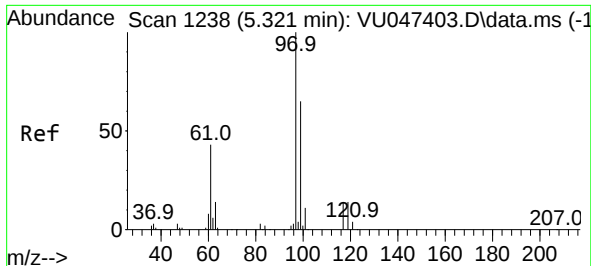
Tgt Ion: 62 Resp: 65799

Ion Ratio Lower Upper

62 100

98 10.5 7.8 11.8





#29

1,1,1-Trichloroethane

Concen: 5.038 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

Instrument :

MSVOA_U

ClientSampleId :

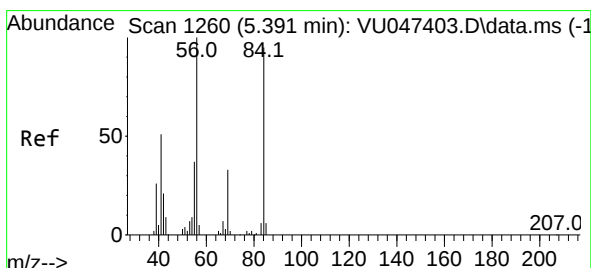
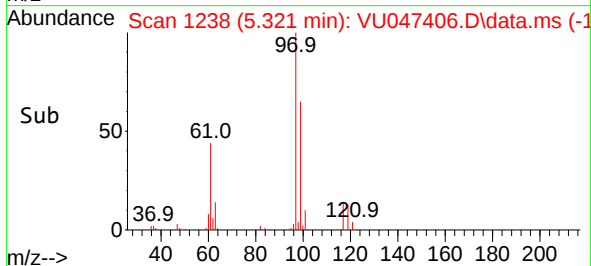
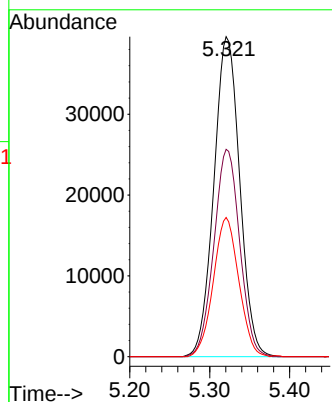
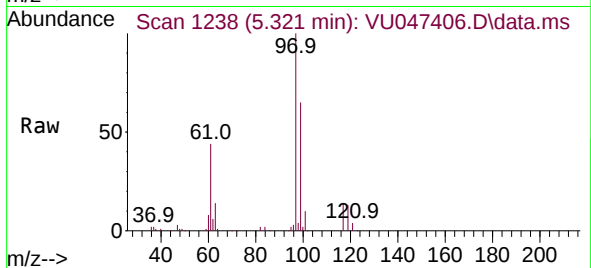
Tgt Ion: 97 Resp: 88912

Ion Ratio Lower Upper

97 100

99 64.7 52.1 78.1

61 42.9 33.8 50.6



#30

Cyclohexane

Concen: 5.077 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

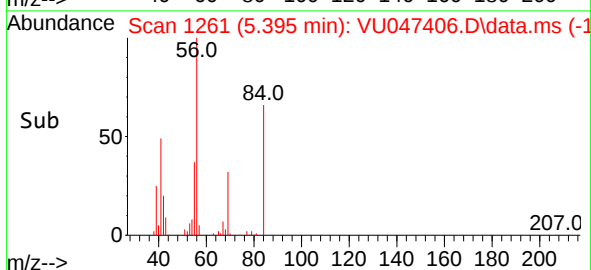
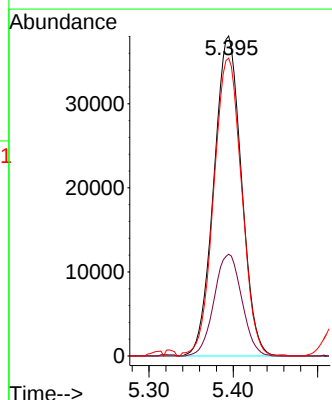
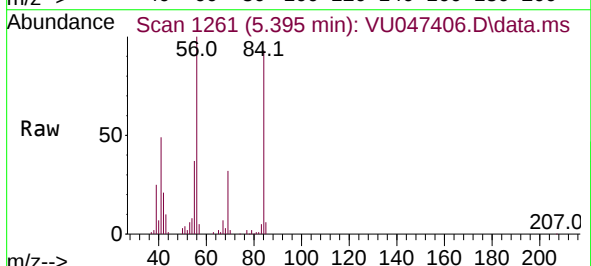
Tgt Ion: 56 Resp: 86316

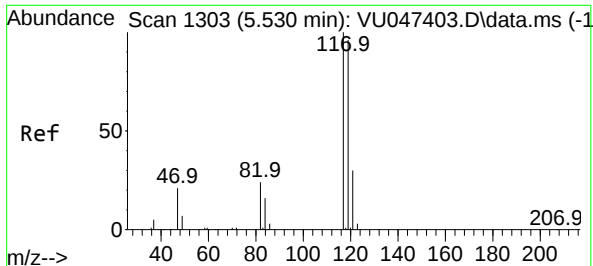
Ion Ratio Lower Upper

56 100

69 31.9 26.0 39.0

84 94.2 76.3 114.5

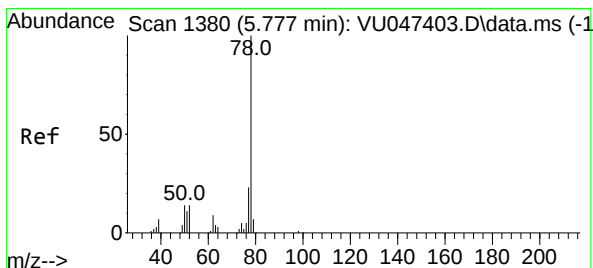
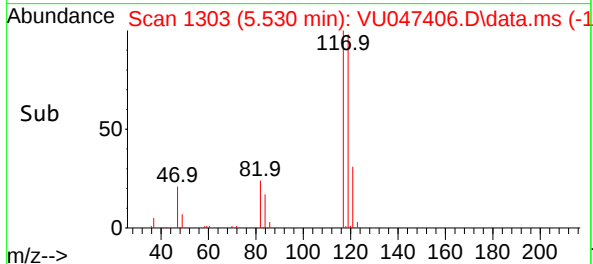
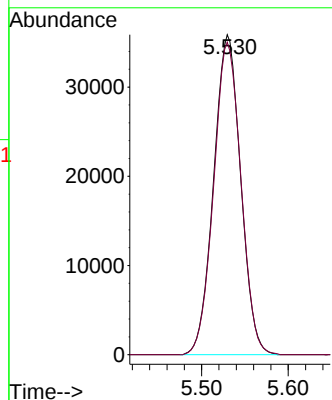
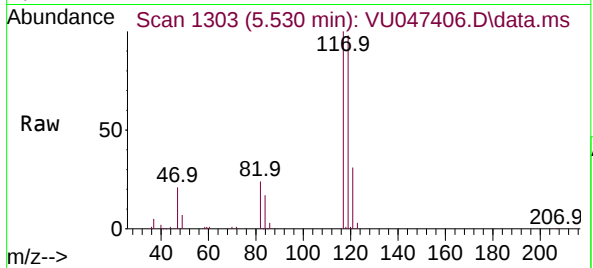




#31
Carbon tetrachloride
Concen: 5.018 ug/L
RT: 5.530 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

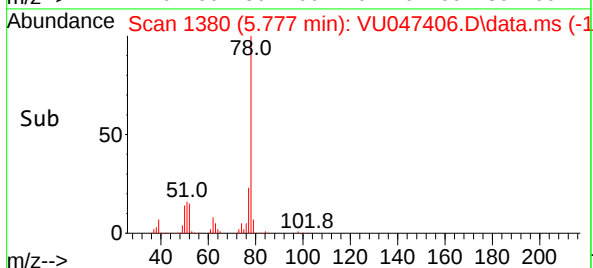
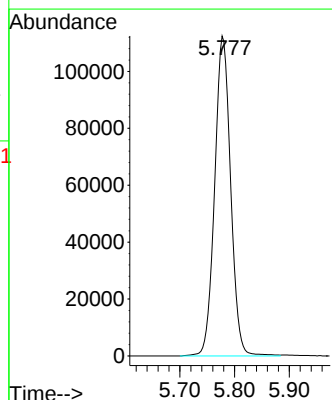
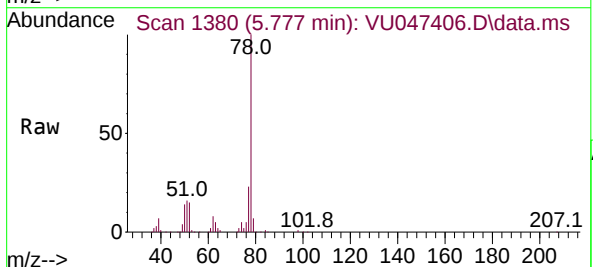
Instrument :
MSVOA_U
ClientSampleId :

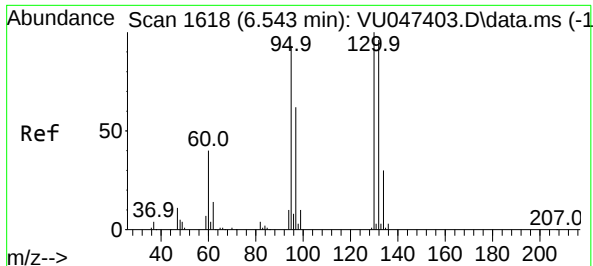
Tgt Ion:117 Resp: 77790
Ion Ratio Lower Upper
117 100
119 98.5 75.8 113.8



#33
Benzene
Concen: 4.946 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

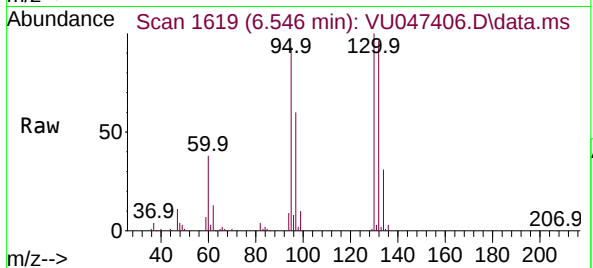
Tgt Ion: 78 Resp: 228157



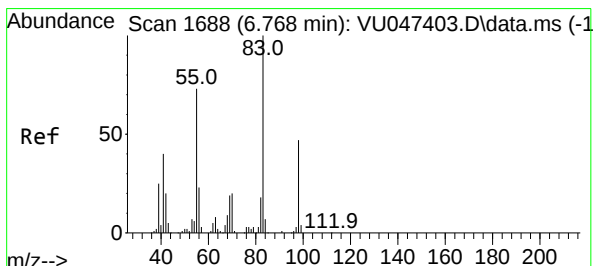
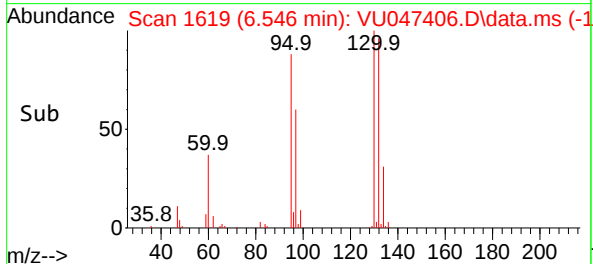
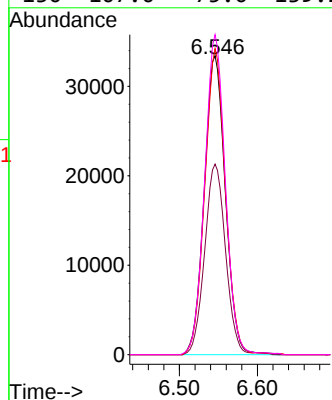


#34
Trichloroethene
Concen: 5.106 ug/L
RT: 6.546 min Scan# 1618
Delta R.T. 0.003 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Instrument :
MSVOA_U
ClientSampleId :

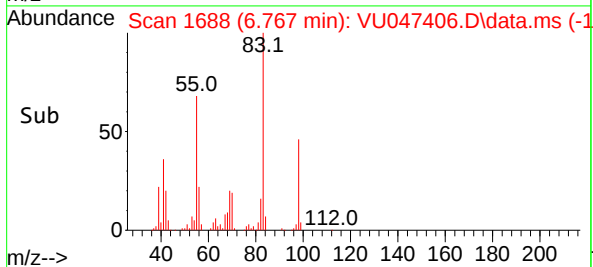
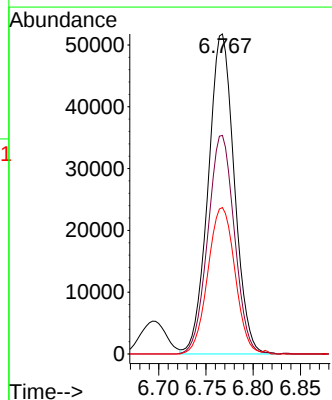
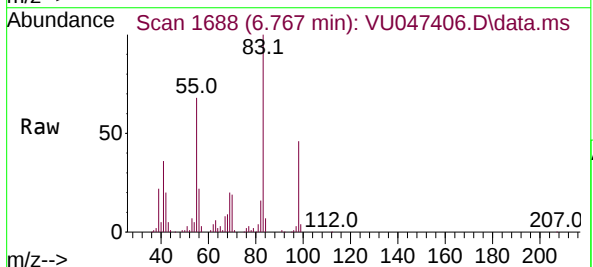


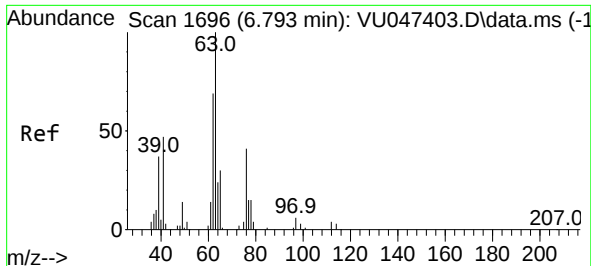
Tgt Ion: 95 Resp: 62965
Ion Ratio Lower Upper
95 100
97 63.7 46.3 85.9
132 102.3 71.7 133.1
130 107.0 75.0 139.2



#35
Methylcyclohexane
Concen: 5.116 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Tgt Ion: 83 Resp: 99525
Ion Ratio Lower Upper
83 100
55 69.5 57.8 86.8
98 47.4 38.0 57.0





#37

1,2-Dichloropropane

Concen: 4.892 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

Instrument :

MSVOA_U

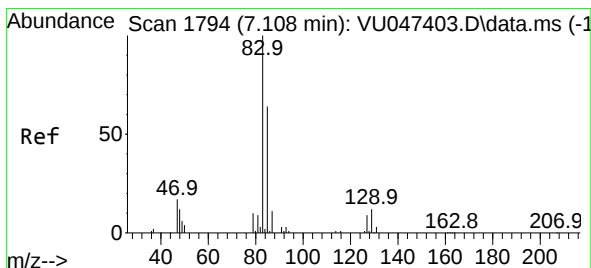
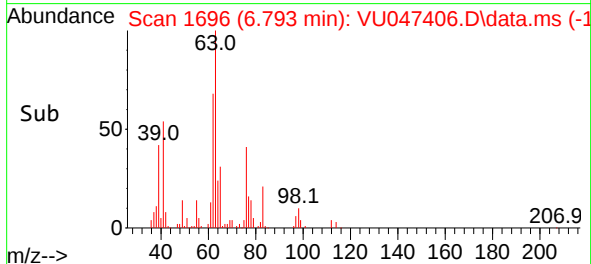
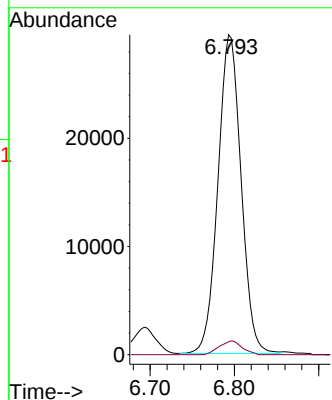
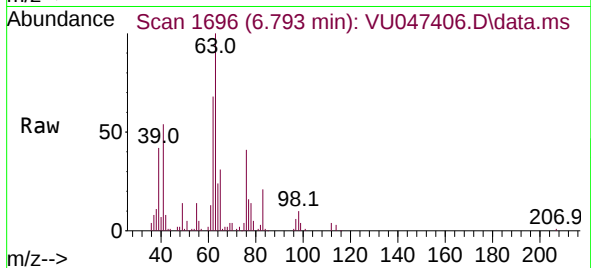
ClientSampleId :

Tgt Ion: 63 Resp: 56209

Ion Ratio Lower Upper

63 100

112 4.2 3.3 4.9



#38

Bromodichloromethane

Concen: 5.023 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

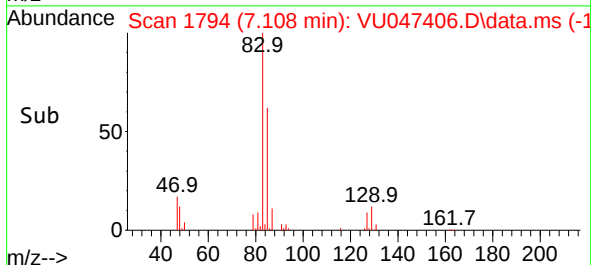
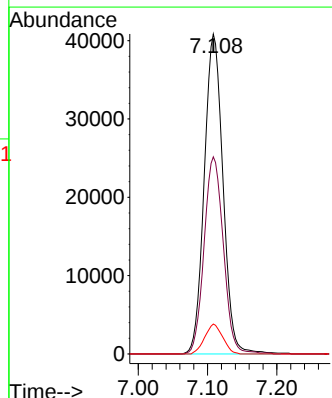
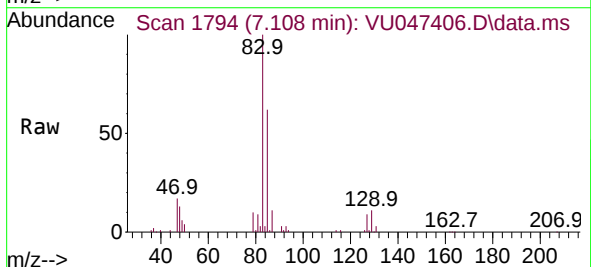
Tgt Ion: 83 Resp: 76623

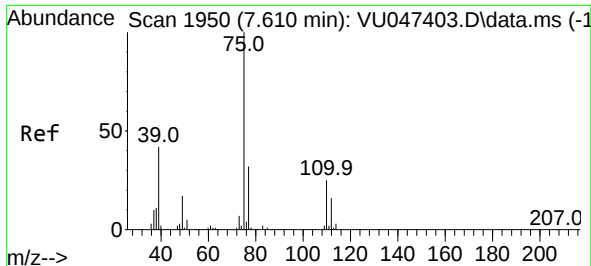
Ion Ratio Lower Upper

83 100

85 61.6 45.0 83.6

127 9.3 7.4 11.0





#39

cis-1,3-Dichloropropene

Concen: 5.070 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

Instrument :

MSVOA_U

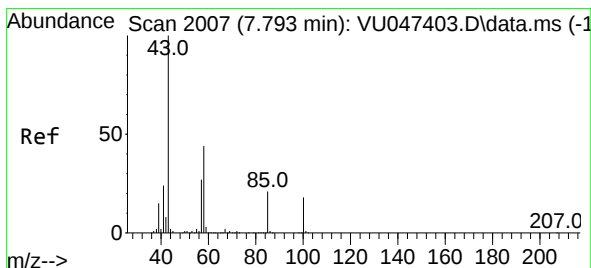
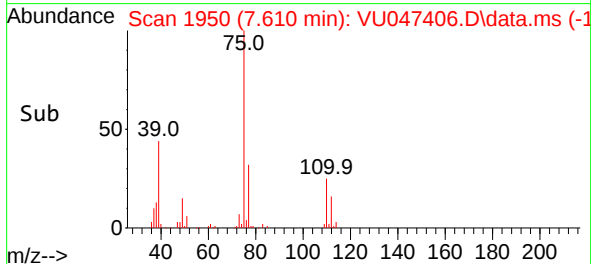
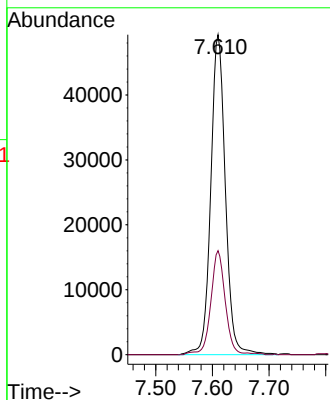
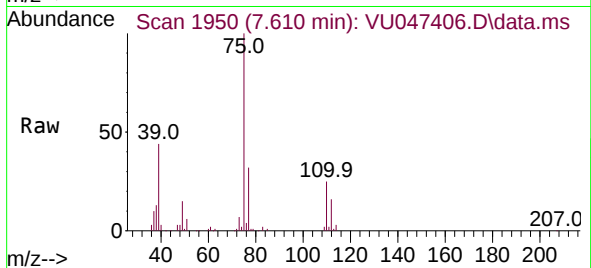
ClientSampleId :

Tgt Ion: 75 Resp: 88318

Ion Ratio Lower Upper

75 100

77 32.5 22.6 42.0



#40

4-Methyl-2-pentanone

Concen: 49.572 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. 0.003 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

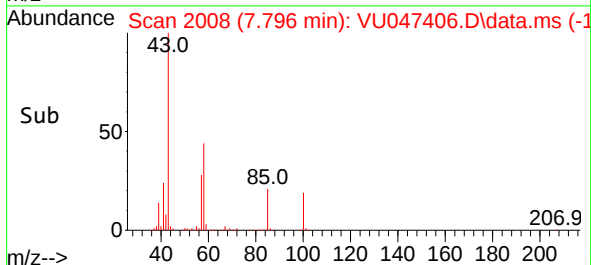
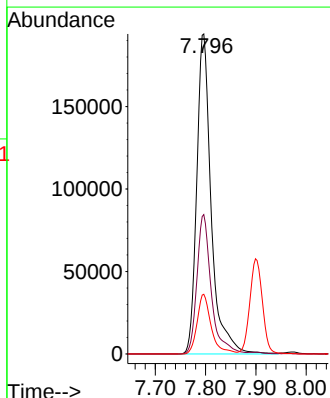
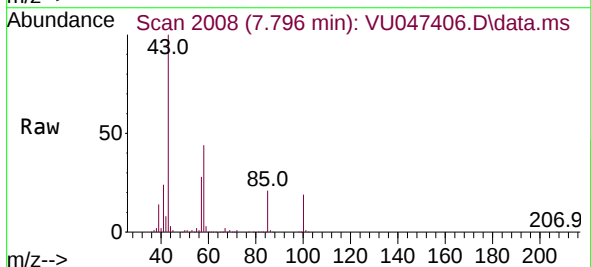
Tgt Ion: 43 Resp: 388251

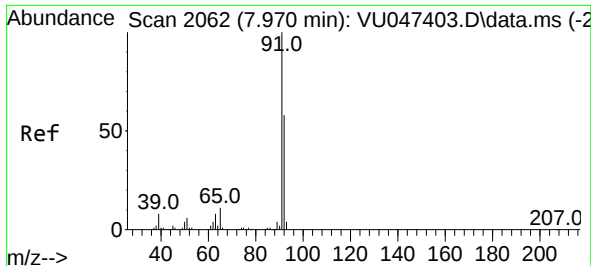
Ion Ratio Lower Upper

43 100

58 43.1 34.8 52.2

100 18.2 14.2 21.4





#42

Toluene

Concen: 5.088 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

Instrument :

MSVOA_U

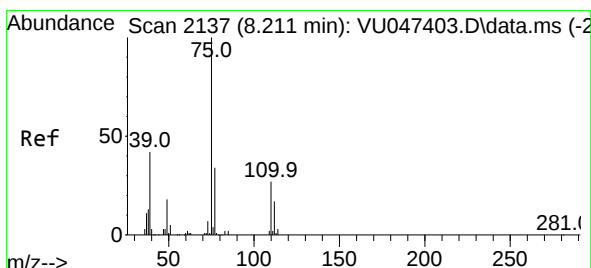
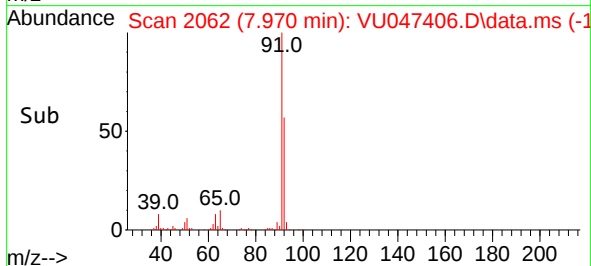
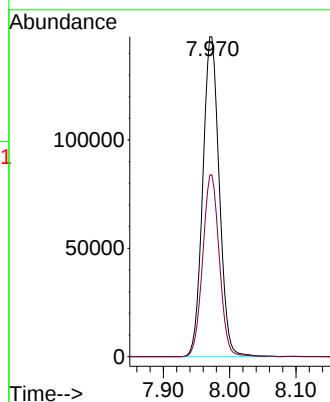
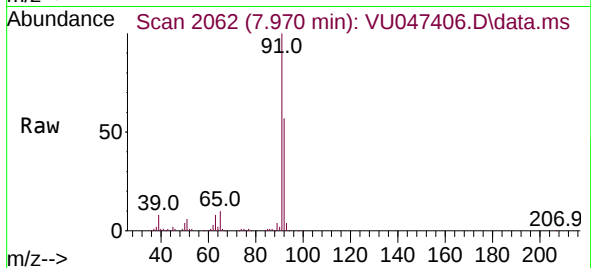
ClientSampleId :

Tgt Ion: 91 Resp: 254984

Ion Ratio Lower Upper

91 100

92 56.7 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.962 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047406.D

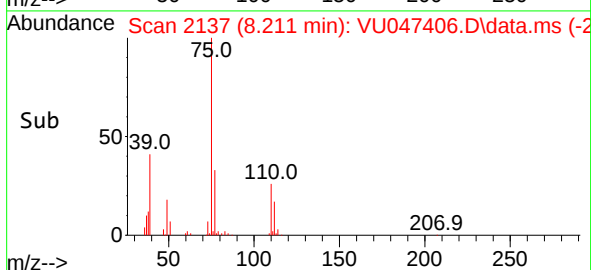
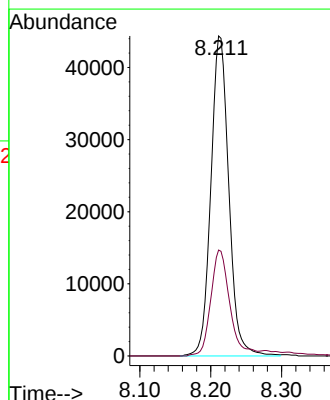
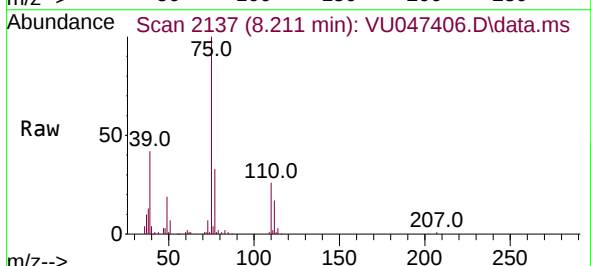
Acq: 09 Mar 2022 15:23

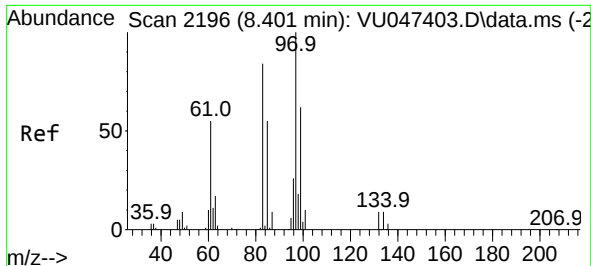
Tgt Ion: 75 Resp: 77951

Ion Ratio Lower Upper

75 100

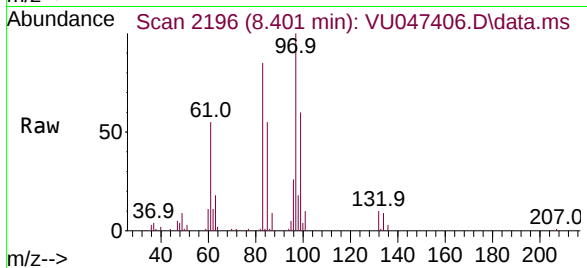
77 33.1 23.6 43.8



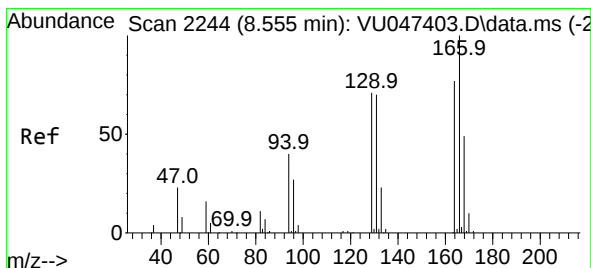
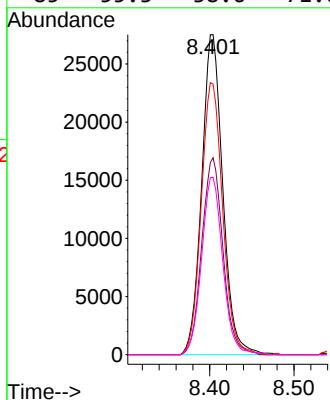
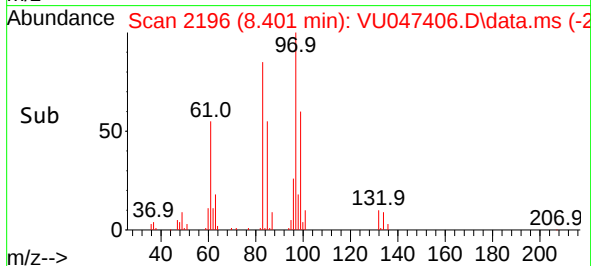


#45
1,1,2-Trichloroethane
Concen: 5.094 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Instrument :
MSVOA_U
ClientSampleId :

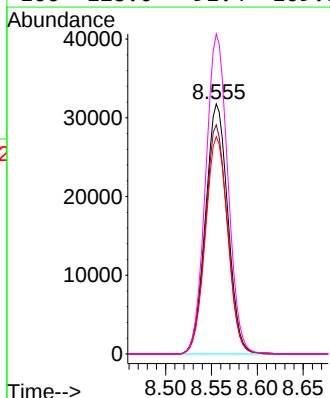
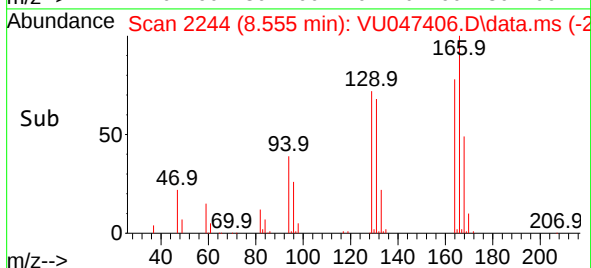
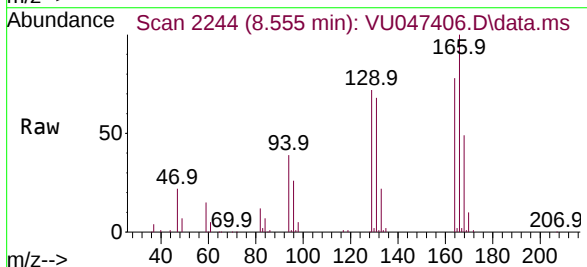


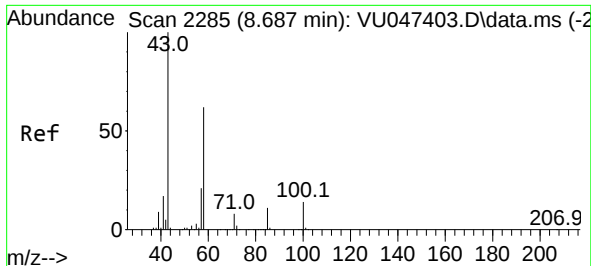
Tgt Ion:	97	Resp:	47967
Ion	Ratio	Lower	Upper
97	100		
99	60.1	43.3	80.5
83	85.0	59.1	109.9
85	55.3	38.6	71.6



#47
Tetrachloroethene
Concen: 5.174 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

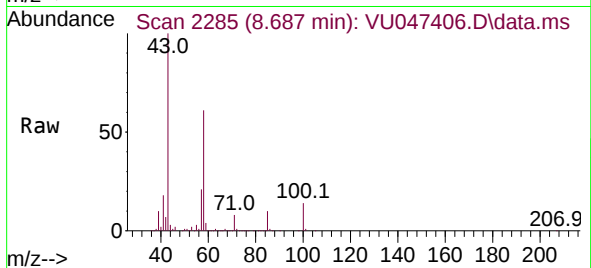
Tgt Ion:	164	Resp:	54133
Ion	Ratio	Lower	Upper
164	100		
129	91.7	64.9	120.5
131	86.9	63.6	118.2
166	128.0	91.4	169.8



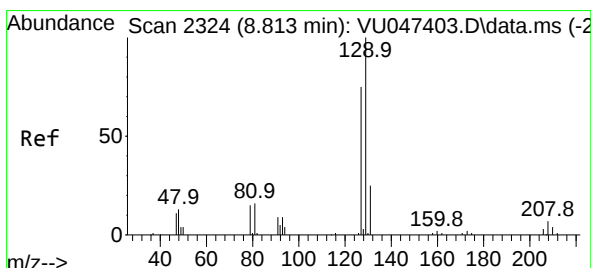
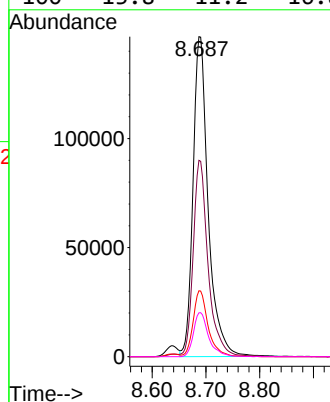
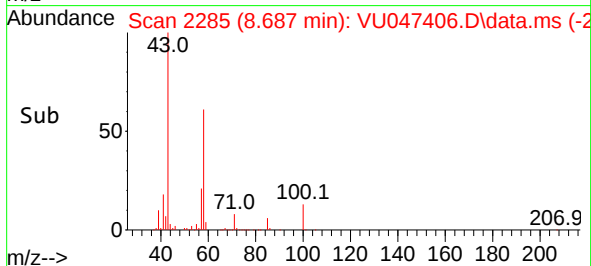


#48
2-Hexanone
Concen: 50.581 ug/L
RT: 8.687 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Instrument :
MSVOA_U
ClientSampleId :

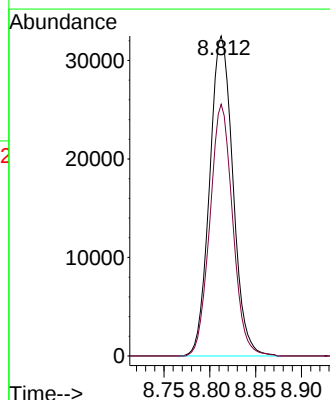
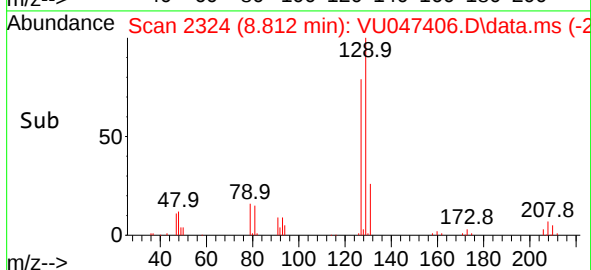
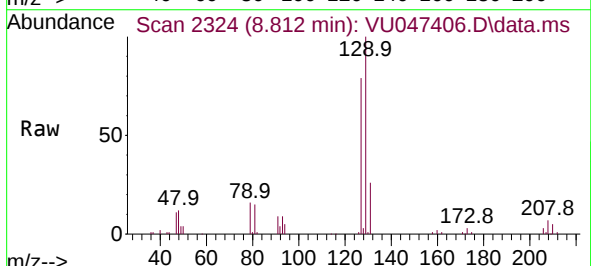


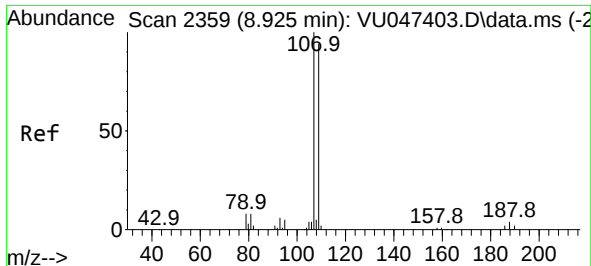
Tgt Ion: 43 Resp: 287410
Ion Ratio Lower Upper
43 100
58 59.4 47.7 71.5
57 20.2 16.6 25.0
100 13.8 11.2 16.8



#49
Dibromochloromethane
Concen: 5.028 ug/L
RT: 8.812 min Scan# 2324
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Tgt Ion: 129 Resp: 57510
Ion Ratio Lower Upper
129 100
127 78.7 52.6 97.8





#50

1,2-Dibromoethane

Concen: 5.087 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

Instrument :

MSVOA_U

ClientSampleId :

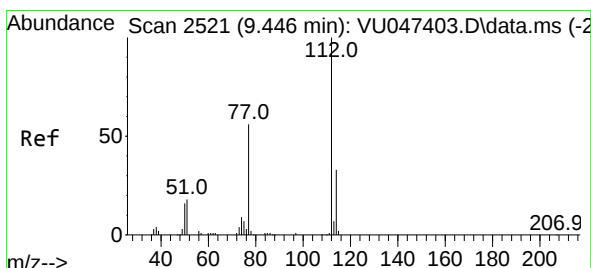
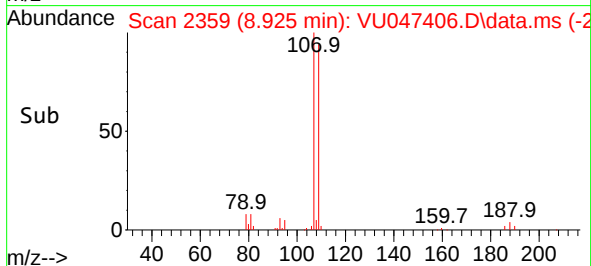
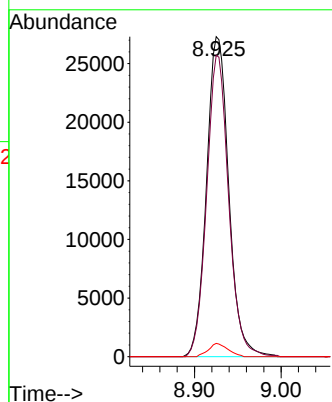
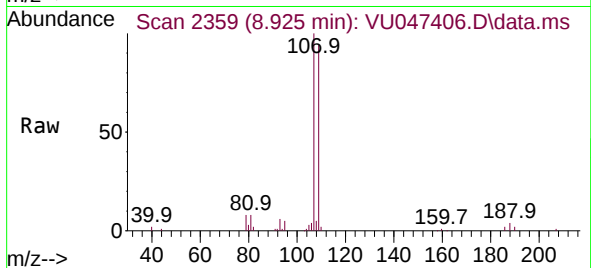
Tgt Ion:107 Resp: 48743

Ion Ratio Lower Upper

107 100

109 94.1 65.8 122.2

188 4.1 3.3 4.9



#51

Chlorobenzene

Concen: 5.070 ug/L

RT: 9.449 min Scan# 2522

Delta R.T. 0.003 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

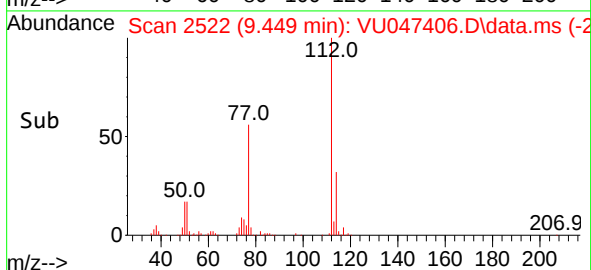
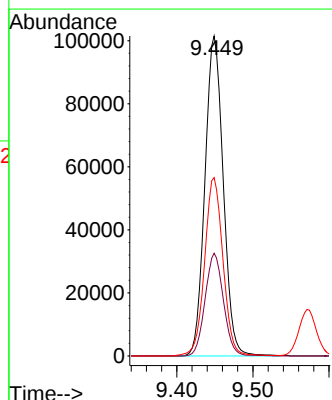
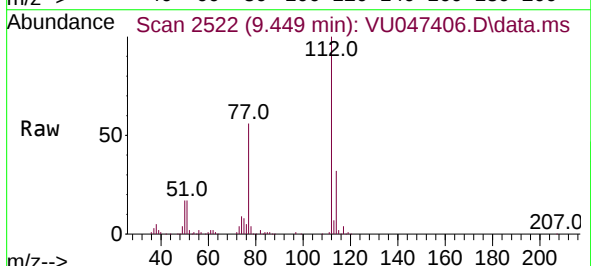
Tgt Ion:112 Resp: 169980

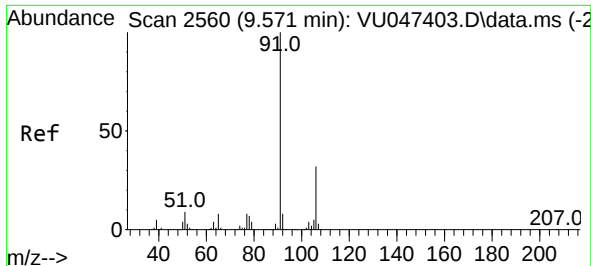
Ion Ratio Lower Upper

112 100

114 32.1 22.8 42.4

77 55.7 45.0 67.6

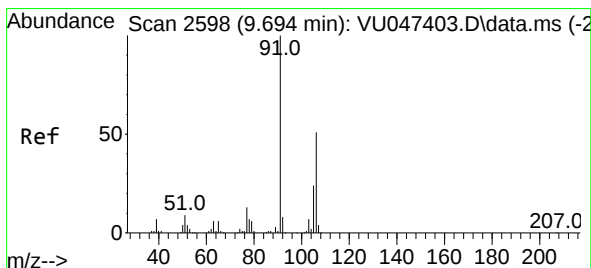
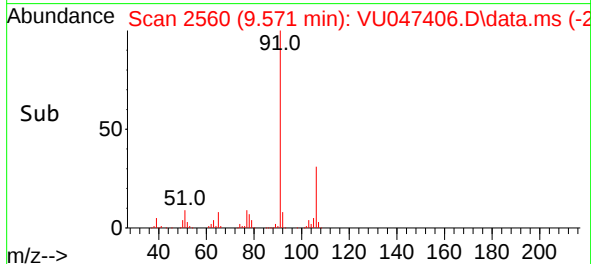
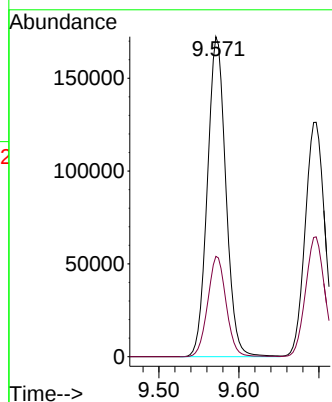
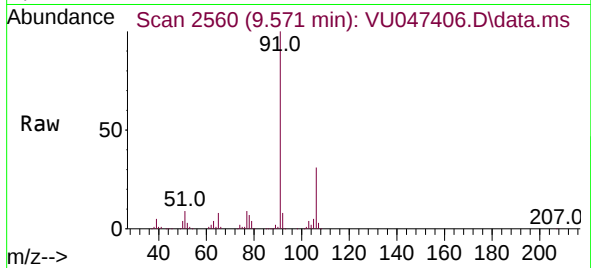




#52
Ethylbenzene
Concen: 5.098 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

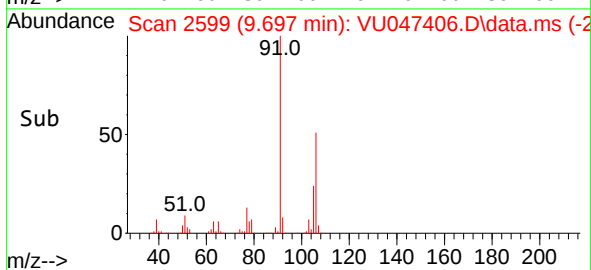
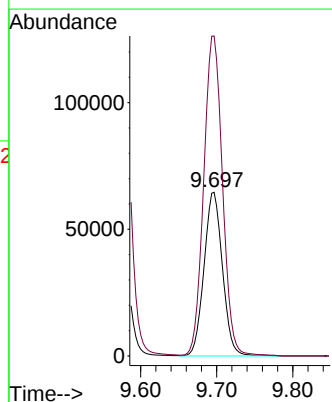
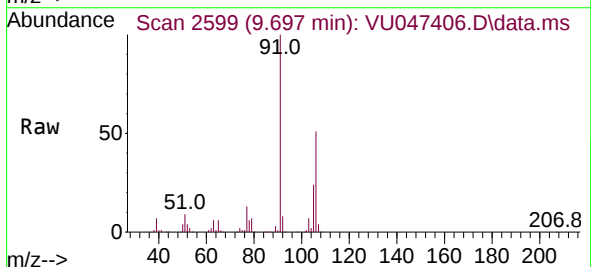
Instrument :
MSVOA_U
ClientSampleId :

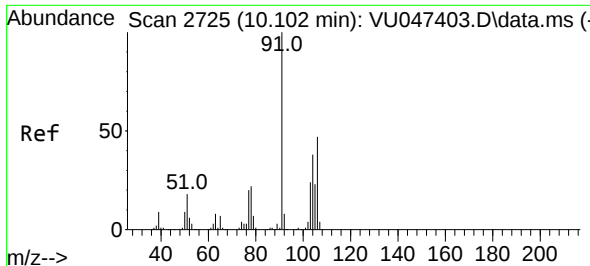
Tgt Ion: 91 Resp: 276725
Ion Ratio Lower Upper
91 100
106 31.3 22.4 41.6



#53
m,p-Xylene
Concen: 5.111 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Tgt Ion:106 Resp: 108817
Ion Ratio Lower Upper
106 100
91 195.5 138.8 257.8

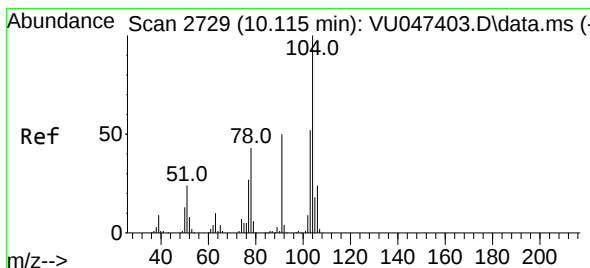
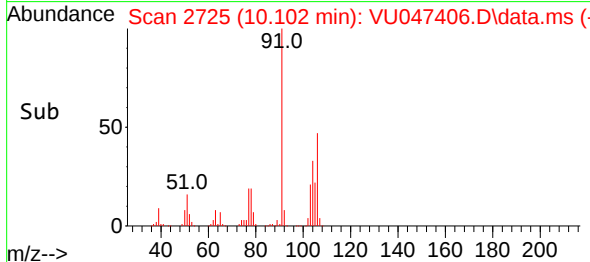
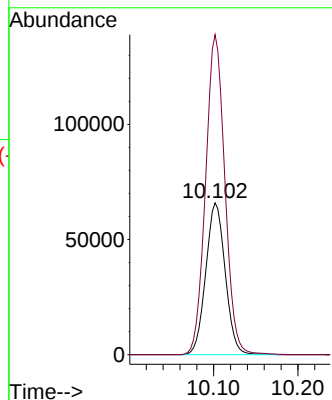
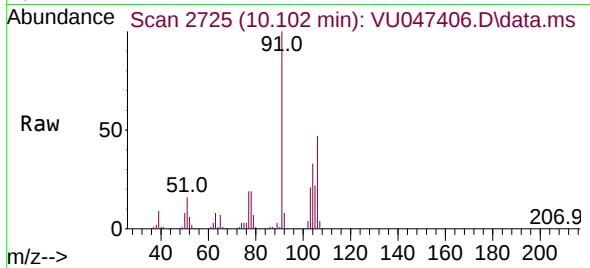




#54
o-Xylene
Concen: 5.136 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

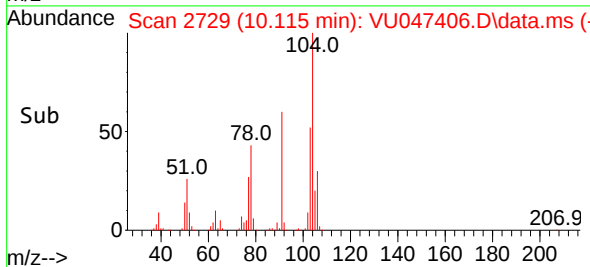
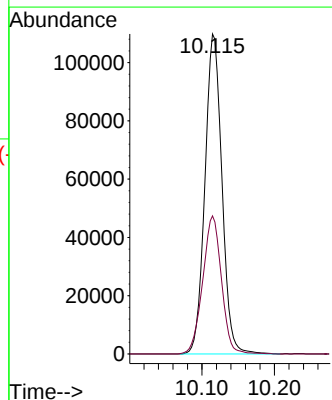
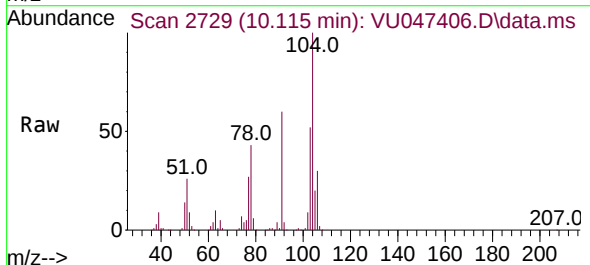
Instrument :
MSVOA_U
ClientSampleId :

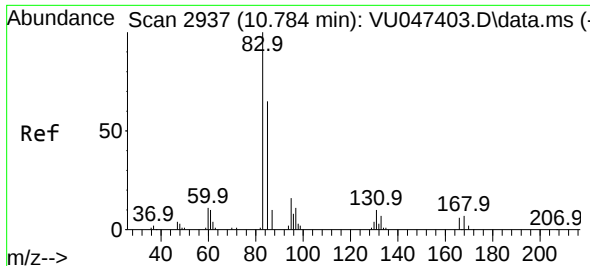
Tgt Ion:106 Resp: 105953
Ion Ratio Lower Upper
106 100
91 210.7 149.2 277.0



#55
Styrene
Concen: 5.141 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Tgt Ion:104 Resp: 179293
Ion Ratio Lower Upper
104 100
78 43.2 30.4 56.4

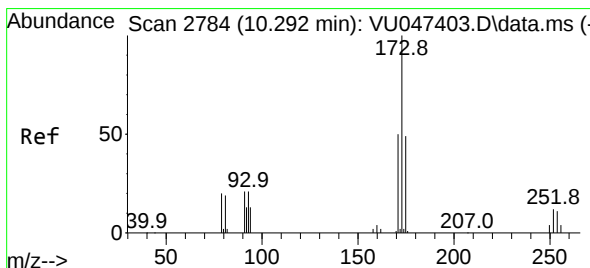
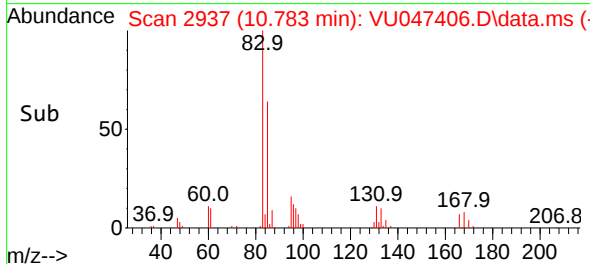
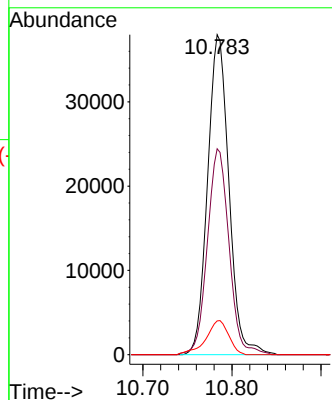
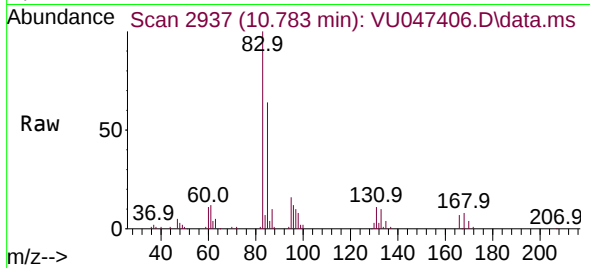




#57
1,1,2,2-Tetrachloroethane
Concen: 4.998 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

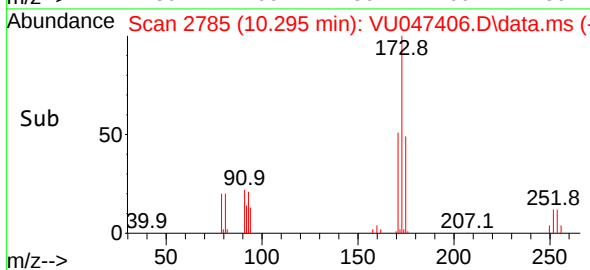
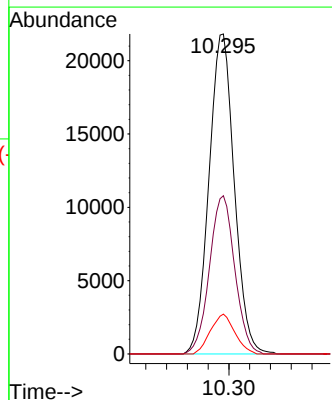
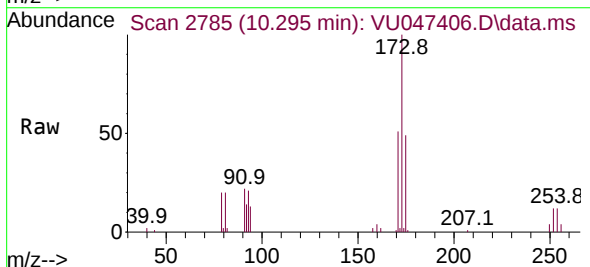
Instrument :
MSVOA_U
ClientSampleId :

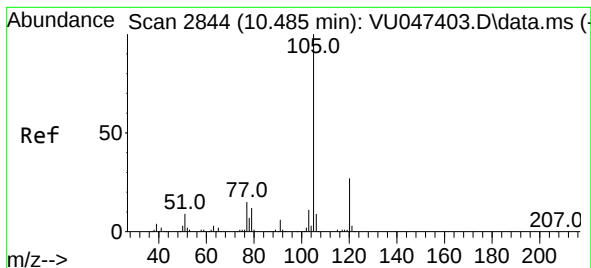
Tgt Ion: 83 Resp: 62993
Ion Ratio Lower Upper
83 100
85 64.3 46.0 85.4
131 10.6 8.2 12.4



#59
Bromoform
Concen: 5.115 ug/L
RT: 10.295 min Scan# 2785
Delta R.T. 0.003 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Tgt Ion:173 Resp: 36822
Ion Ratio Lower Upper
173 100
175 49.5 38.7 58.1
254 12.0 9.0 13.4





#60

Isopropylbenzene

Concen: 5.250 ug/L

RT: 10.484 min Scan# 2844

Delta R.T. -0.000 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

Instrument :

MSVOA_U

ClientSampleId :

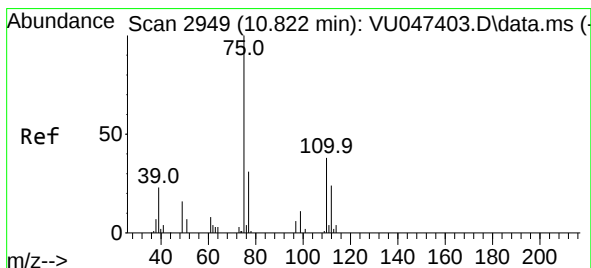
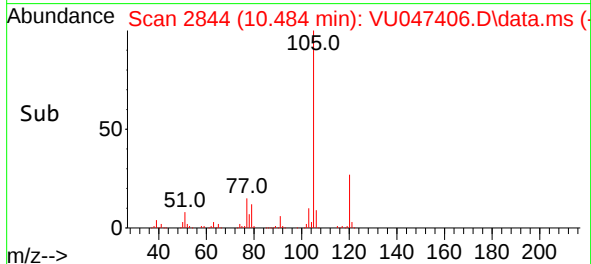
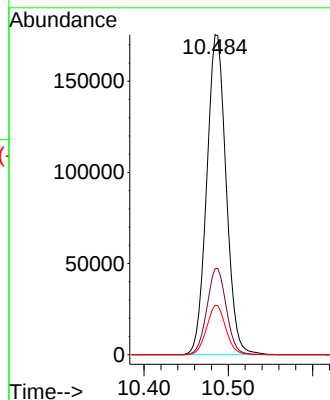
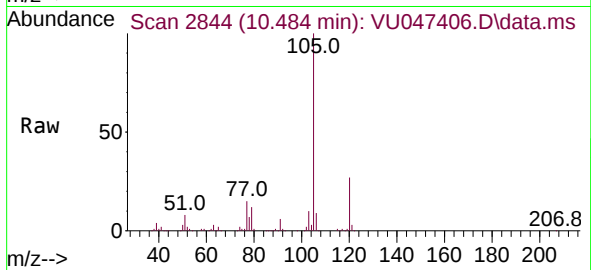
Tgt Ion:105 Resp: 280850

Ion Ratio Lower Upper

105 100

120 27.0 21.8 32.6

77 15.3 12.2 18.2



#61

1,2,3-Trichloropropane

Concen: 5.009 ug/L

RT: 10.825 min Scan# 2950

Delta R.T. 0.003 min

Lab File: VU047406.D

Acq: 09 Mar 2022 15:23

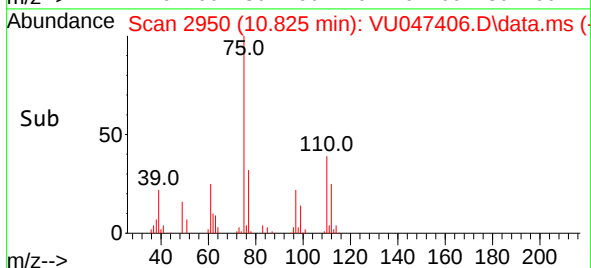
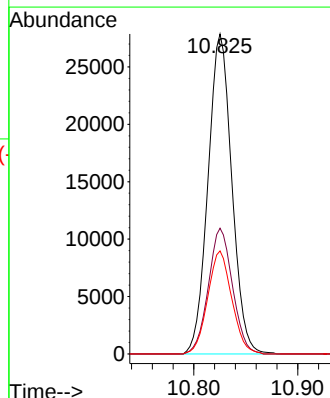
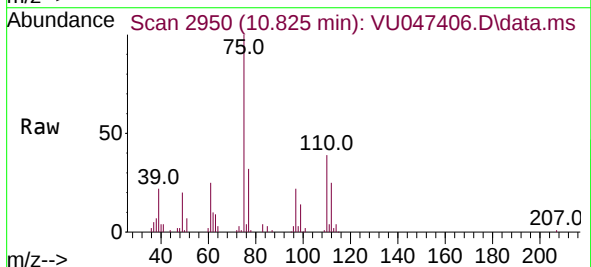
Tgt Ion: 75 Resp: 44364

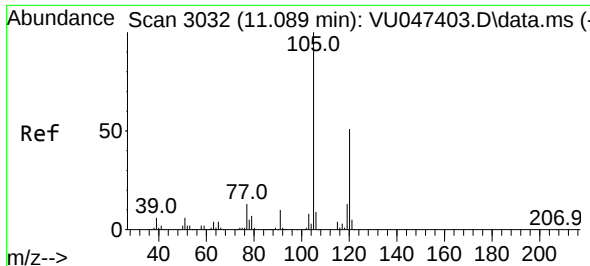
Ion Ratio Lower Upper

75 100

110 39.8 31.0 46.4

77 32.5 26.2 39.4

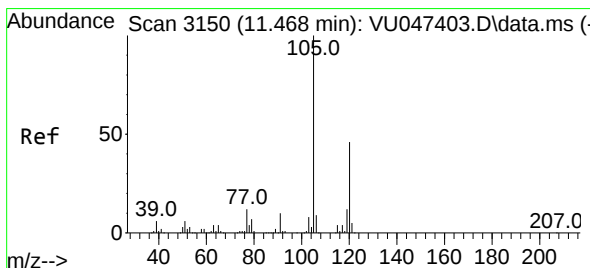
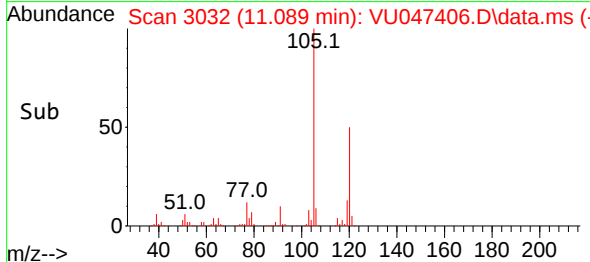
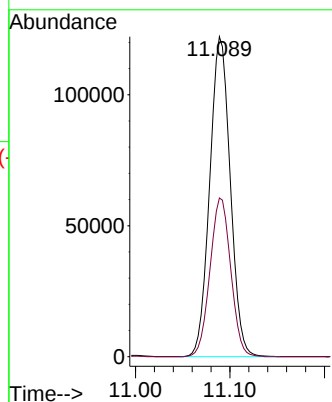
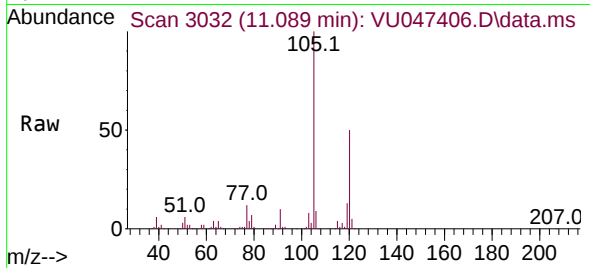




#62
1,3,5-Trimethylbenzene
Concen: 5.251 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

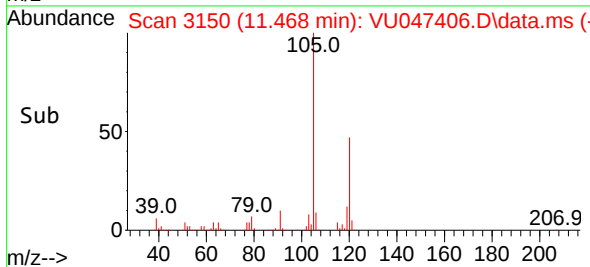
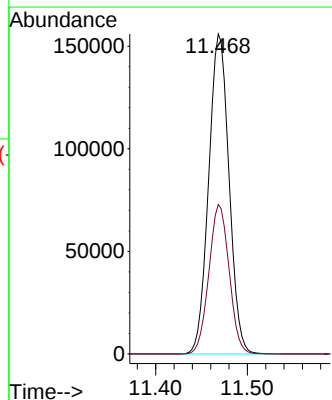
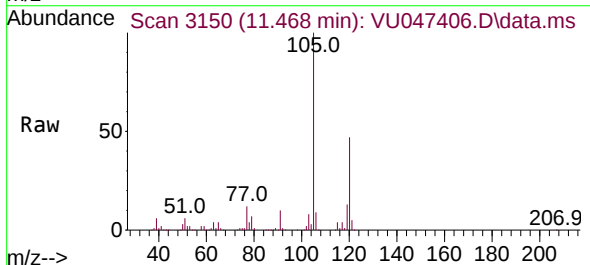
Instrument :
MSVOA_U
ClientSampleId :

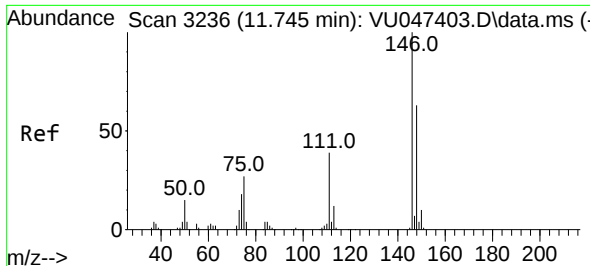
Tgt Ion:105 Resp: 184233
Ion Ratio Lower Upper
105 100
120 50.1 40.1 60.1



#63
1,2,4-Trimethylbenzene
Concen: 5.282 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Tgt Ion:105 Resp: 240408
Ion Ratio Lower Upper
105 100
120 46.5 37.2 55.8

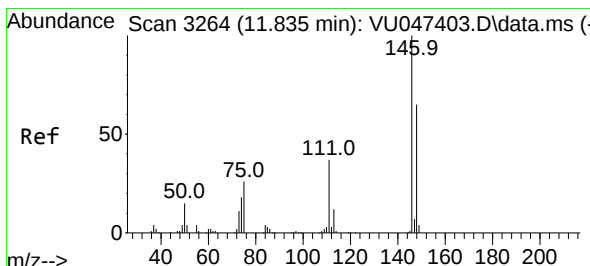
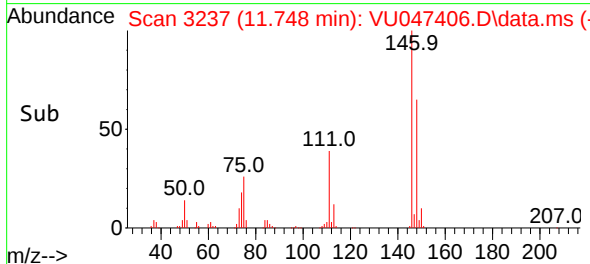
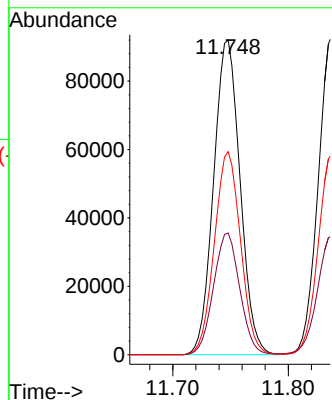
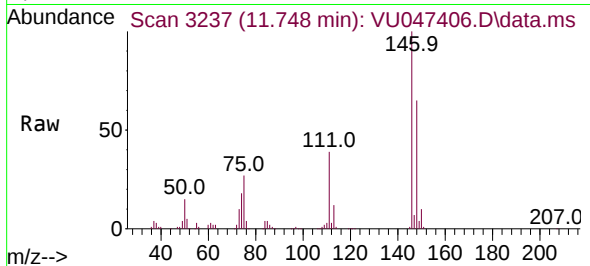




#64
1,3-Dichlorobenzene
Concen: 5.170 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

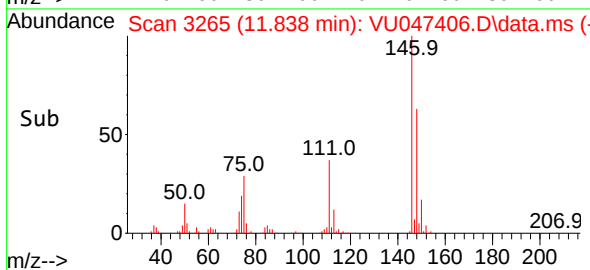
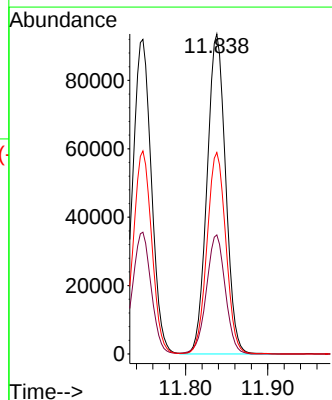
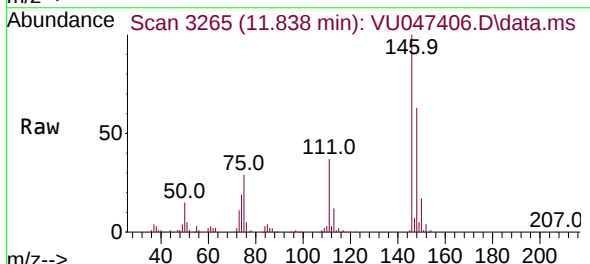
Instrument :
MSVOA_U
ClientSampleId :

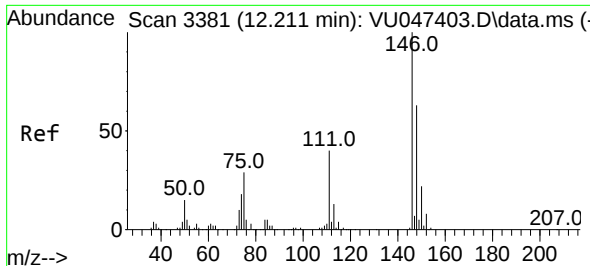
Tgt Ion:146 Resp: 146585
Ion Ratio Lower Upper
146 100
111 38.7 27.0 50.2
148 64.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 5.112 ug/L
RT: 11.838 min Scan# 3265
Delta R.T. 0.003 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Tgt Ion:146 Resp: 147193
Ion Ratio Lower Upper
146 100
111 37.2 26.1 48.5
148 62.9 45.6 84.6

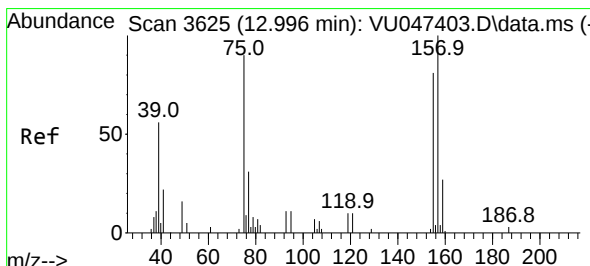
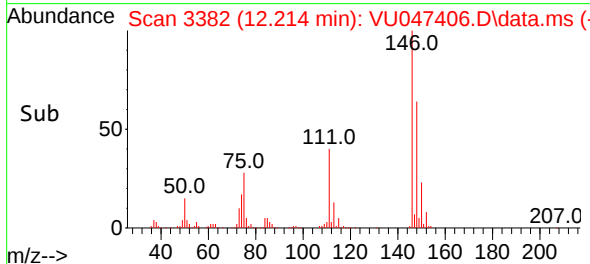
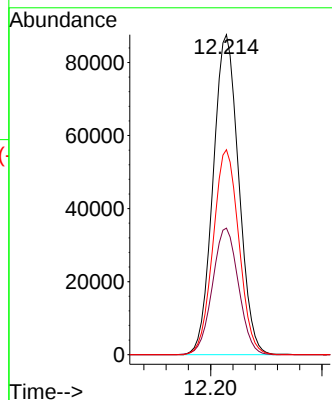
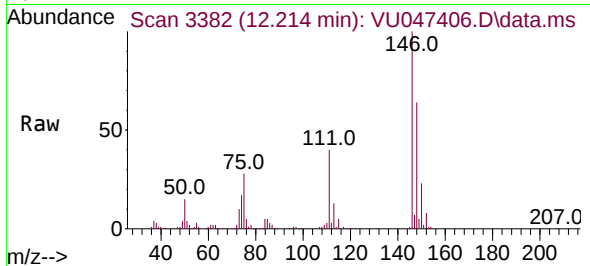




#67
1,2-Dichlorobenzene
Concen: 5.138 ug/L
RT: 12.214 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

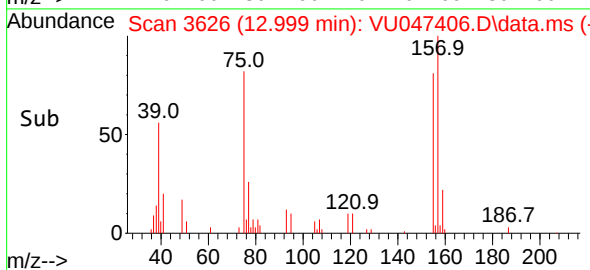
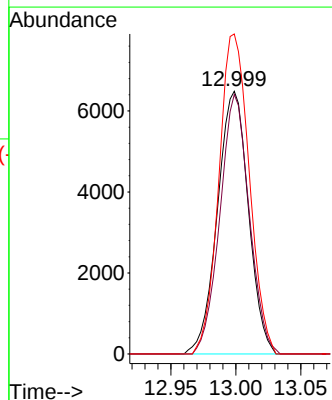
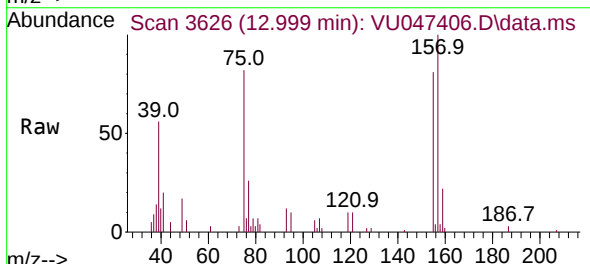
Instrument :
MSVOA_U
ClientSampleId :

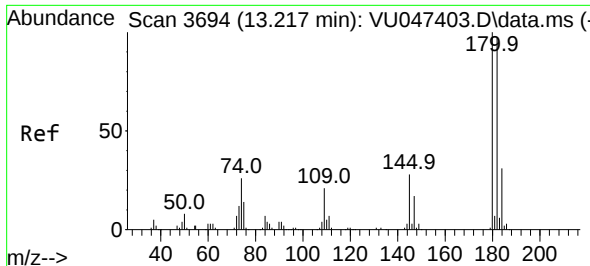
Tgt Ion:146 Resp: 139969
Ion Ratio Lower Upper
146 100
111 39.6 31.9 47.9
148 64.0 50.5 75.7



#68
1,2-Dibromo-3-chloropropane
Concen: 5.376 ug/L
RT: 12.999 min Scan# 3626
Delta R.T. 0.003 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

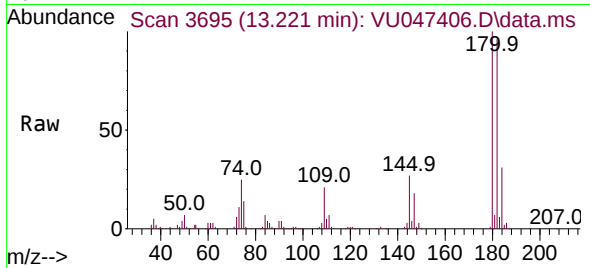
Tgt Ion: 75 Resp: 10733
Ion Ratio Lower Upper
75 100
155 98.8 71.3 106.9
157 121.8 88.6 132.8



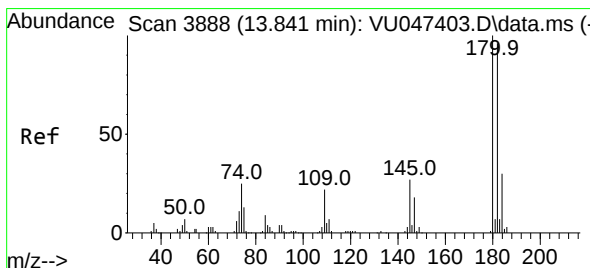
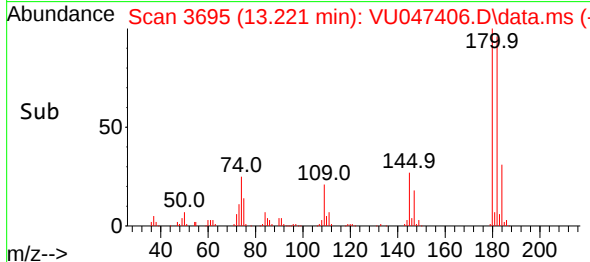
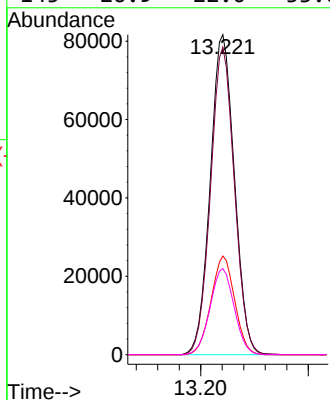


#69
 1,3,5-Trichlorobenzene
 Concen: 5.465 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.003 min
 Lab File: VU047406.D
 Acq: 09 Mar 2022 15:23

Instrument :
 MSVOA_U
 ClientSampleId :

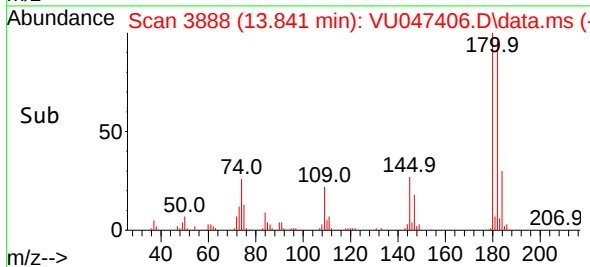
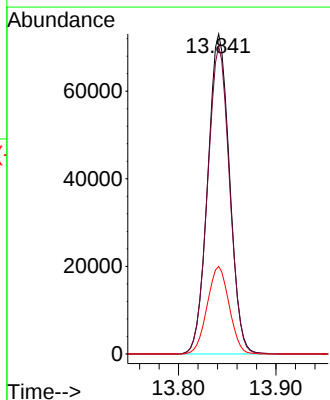
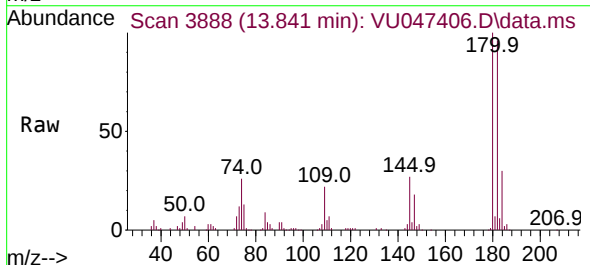


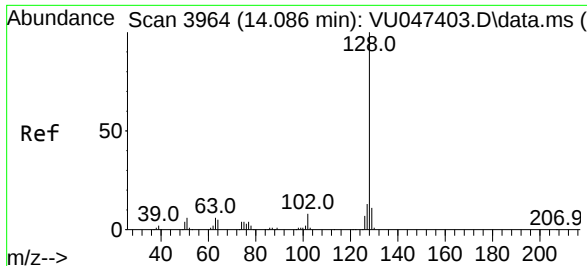
Tgt Ion:180 Resp: 127101
 Ion Ratio Lower Upper
 180 100
 182 94.9 77.1 115.7
 184 30.2 25.0 37.4
 145 26.9 22.0 33.0



#70
 1,2,4-trichlorobenzene
 Concen: 5.474 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. -0.000 min
 Lab File: VU047406.D
 Acq: 09 Mar 2022 15:23

Tgt Ion:180 Resp: 113469
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.6 114.8
 145 27.5 22.4 33.6

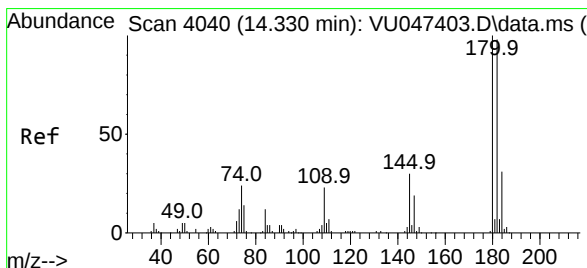
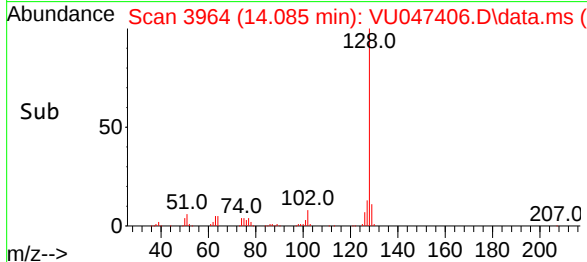
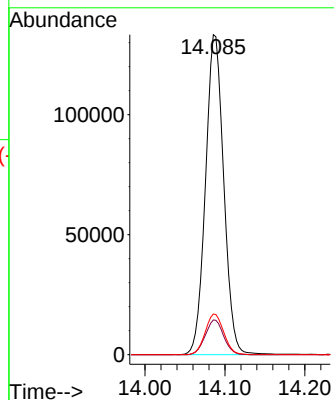
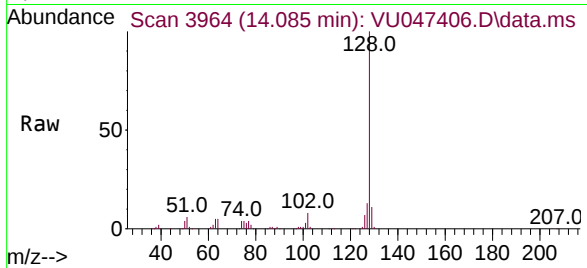




#71
Naphthalene
Concen: 5.716 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 211927
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 12.9 10.2 15.4



#72
1,2,3-Trichlorobenzene
Concen: 5.517 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047406.D
Acq: 09 Mar 2022 15:23

Tgt Ion:180 Resp: 104864
Ion Ratio Lower Upper
180 100
182 96.8 77.0 115.6
145 29.8 23.4 35.2

