

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
 Data File : VU047649.D
 Acq On : 24 Mar 2022 21:53
 Operator : SY/MD
 Sample : N2081-08MS
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 24 23:50:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Mar 24 23:34:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	121873	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	127046	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	77998	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	27412	31.017	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.040%
7) Chloroethane-d5	1.919	69	21967	31.523	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	63.040%#
11) 1,1-Dichloroethene-d2	2.581	63	69309	42.864	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.720%
21) 2-Butanone-d5	4.636	46	54310	71.595	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	71.600%
24) Chloroform-d	5.070	84	53919	33.343	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.680%#
26) 1,2-Dichloroethane-d4	5.706	65	32867	33.139	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	66.280%#
32) Benzene-d6	5.732	84	99346	31.076	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	62.160%#
36) 1,2-Dichloropropane-d6	6.693	67	31253	31.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	63.660%#
41) Toluene-d8	7.899	98	94283	30.271	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	60.540%#
43) trans-1,3-Dichloroprop...	8.182	79	15123	30.405	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	60.800%
47) 2-Hexanone-d5	8.636	63	38486	66.963	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	66.960%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	55268	32.802	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	65.600%
66) 1,2-Dichlorobenzene-d4	12.195	152	45550	32.825	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	65.660%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	84946	75.181	ug/L	99
3) Chloromethane	1.526	50	84061	77.795	ug/L	99
5) Vinyl chloride	1.607	62	83993	76.217	ug/L	99
6) Bromomethane	1.864	94	49004	82.617	ug/L	99
8) Chloroethane	1.938	64	53801	77.768	ug/L	98
9) Trichlorofluoromethane	2.144	101	110669	71.215	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	65286	72.679	ug/L	97
12) 1,1-Dichloroethene	2.584	96	69666	83.333	ug/L #	75
13) Acetone	2.645	43	103898	147.181	ug/L	98
14) Carbon disulfide	2.800	76	200409	75.840	ug/L	100
15) Methyl Acetate	2.957	43	87734	77.940	ug/L	100
16) Methylene chloride	3.051	84	75814	79.029	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	70368	78.039	ug/L	97
18) Methyl tert-butyl Ether	3.366	73	192404	75.633	ug/L	99
19) 1,1-Dichloroethane	3.874	63	224291	144.227	ug/L	98
20) cis-1,2-Dichloroethene	4.671	96	121646	123.055	ug/L	96
22) 2-Butanone	4.716	43	148661	163.482	ug/L	98
23) Bromochloromethane	4.980	128	43334	79.840	ug/L	97
25) Chloroform	5.092	83	132243	78.985	ug/L	99

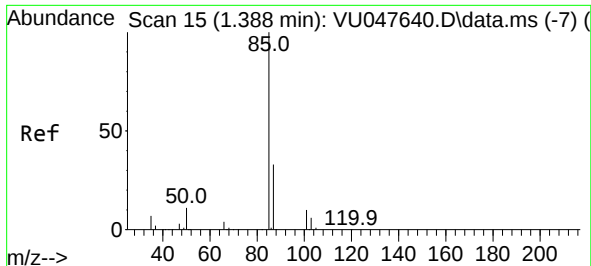
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032422\
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	100571	77.749	ug/L	99
29) Cyclohexane	5.394	56	99453	77.145	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	435410	302.248	ug/L	99
31) Carbon tetrachloride	5.530	117	98271	75.545	ug/L	100
33) Benzene	5.777	78	285507	77.639	ug/L	100
34) Trichloroethene	6.546	95	82445	85.515	ug/L	98
35) Methylcyclohexane	6.764	83	108434	73.930	ug/L	99
37) 1,2-Dichloropropane	6.793	63	73132	78.229	ug/L	99
38) Bromodichloromethane	7.108	83	99076	77.177	ug/L	99
39) cis-1,3-Dichloropropene	7.607	75	107864	74.362	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	239110	161.833	ug/L	98
42) Toluene	7.970	91	310029	76.836	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	107863	74.476	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	76252	76.908	ug/L	97
46) Tetrachloroethene	8.555	164	85301	98.457	ug/L	99
48) 2-Hexanone	8.687	43	206245	162.278	ug/L	98
49) Dibromochloromethane	8.809	129	85824	74.737	ug/L	100
50) 1,2-Dibromoethane	8.925	107	85960	77.336	ug/L	99
51) Chlorobenzene	9.446	112	204262	74.556	ug/L	97
52) Ethylbenzene	9.571	91	315028	74.253	ug/L	100
53) m,p-Xylene	9.693	106	125671	75.491	ug/L	98
54) o-Xylene	10.102	106	121115	74.128	ug/L	97
55) Styrene	10.115	104	209825	75.219	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	139902	75.267	ug/L	99
59) Bromoform	10.291	173	72734	72.925	ug/L	100
60) 1,2,3-Trichloropropane	10.822	75	111719	75.979	ug/L	100
61) Isopropylbenzene	10.484	105	309554	73.434	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	165354	72.296	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	260053	74.854	ug/L	99
64) 1,3-Dichlorobenzene	11.745	146	170913	72.946	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	172059	70.897	ug/L	100
67) 1,2-Dichlorobenzene	12.211	146	169562	72.326	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	35854	76.123	ug/L	97
69) 1,3,5-Trichlorobenzene	13.217	180	134170	70.509	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	119427	71.654	ug/L	99
71) Naphthalene	14.085	128	363706	73.193	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	120804	72.301	ug/L	99

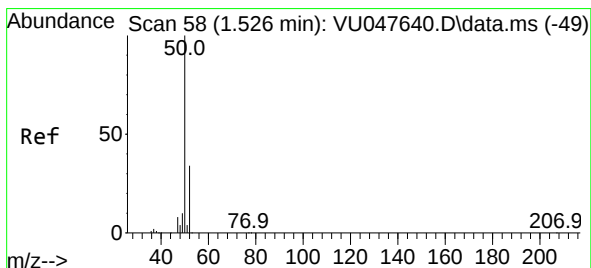
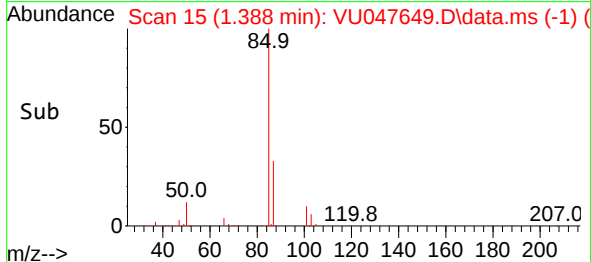
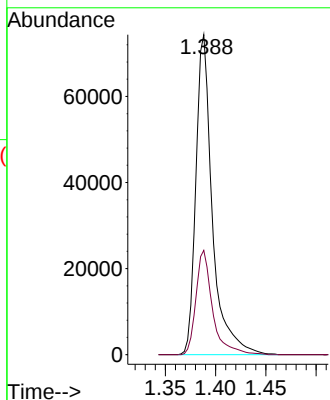
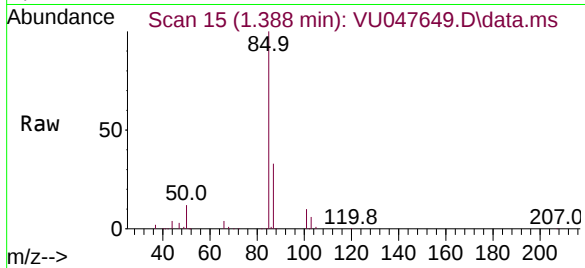
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
Dichlorodifluoromethane
Concen: 75.181 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

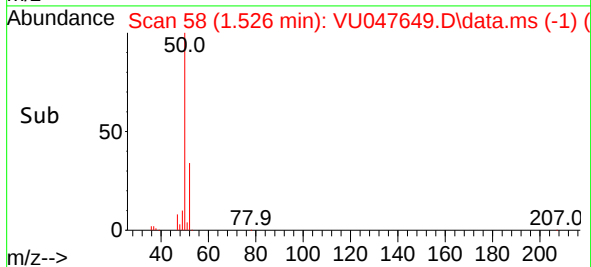
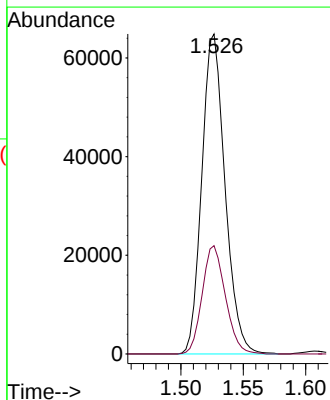
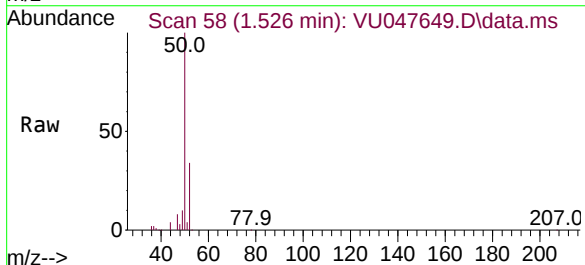
Instrument :
MSVOA_U
ClientSampleId :

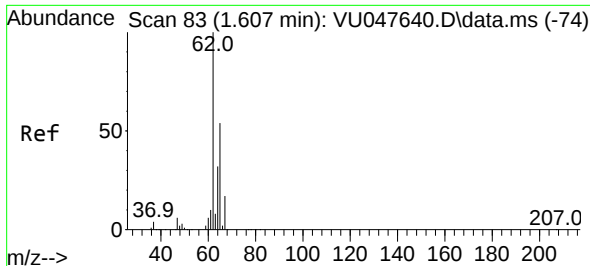
Tgt Ion: 85 Resp: 84946
Ion Ratio Lower Upper
85 100
87 32.9 25.8 38.8



#3
Chloromethane
Concen: 77.795 ug/L
RT: 1.526 min Scan# 58
Delta R.T. 0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion: 50 Resp: 84061
Ion Ratio Lower Upper
50 100
52 33.8 23.2 43.2

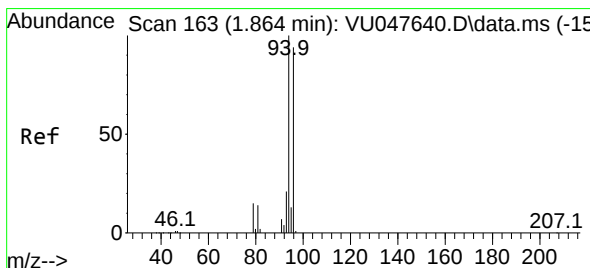
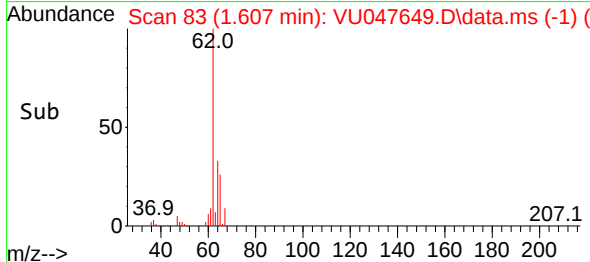
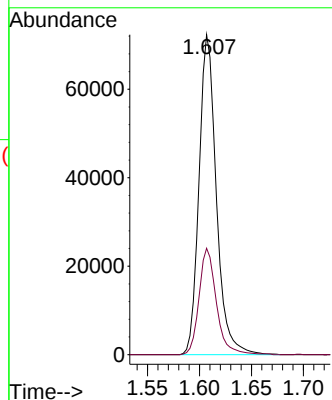
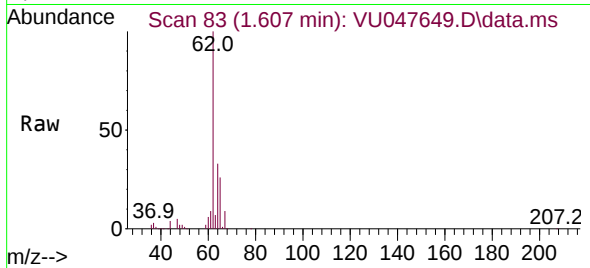




#5
 Vinyl chloride
 Concen: 76.217 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047649.D
 Acq: 24 Mar 2022 21:53

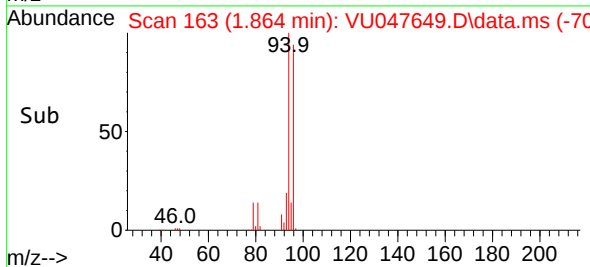
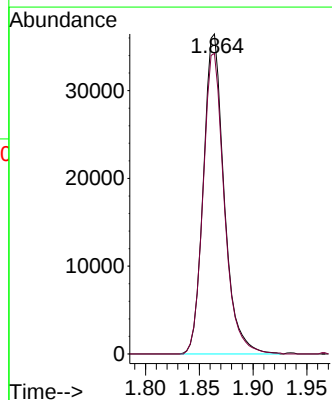
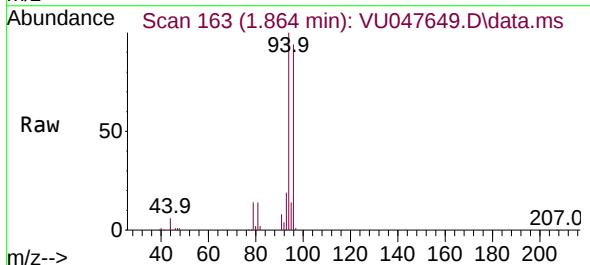
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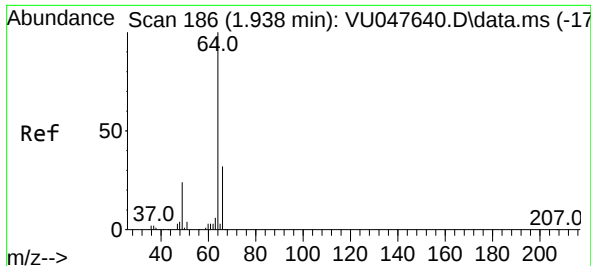
Tgt Ion: 62 Resp: 83993
 Ion Ratio Lower Upper
 62 100
 64 33.3 23.7 43.9



#6
 Bromomethane
 Concen: 82.617 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047649.D
 Acq: 24 Mar 2022 21:53

Tgt Ion: 94 Resp: 49004
 Ion Ratio Lower Upper
 94 100
 96 93.9 64.8 120.3

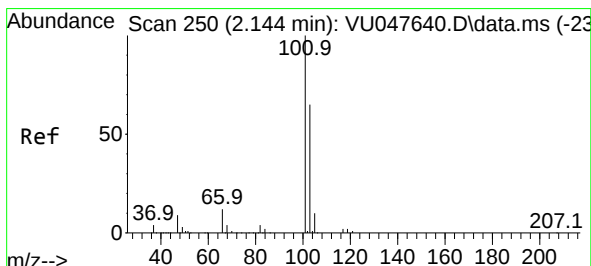
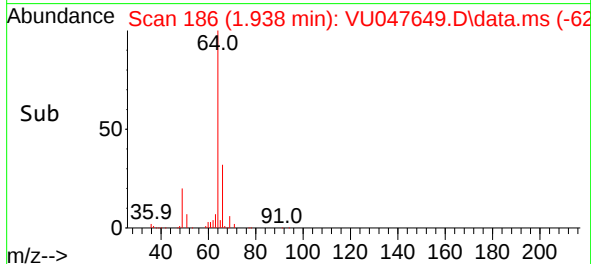
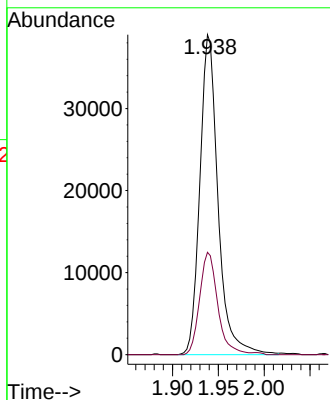
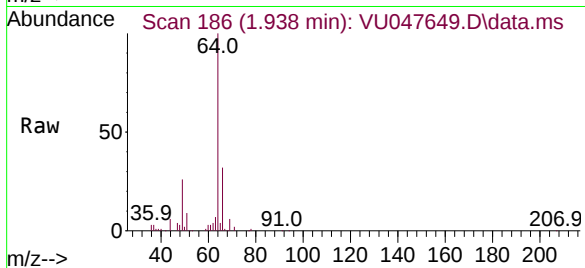




#8
Chloroethane
Concen: 77.768 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

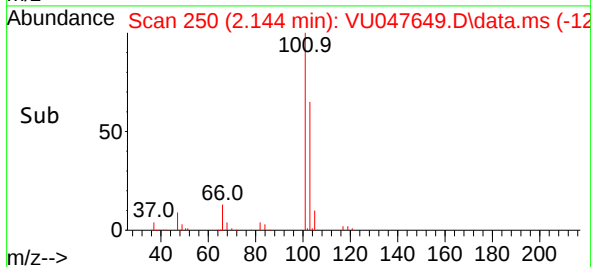
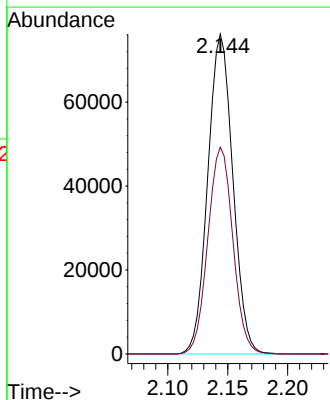
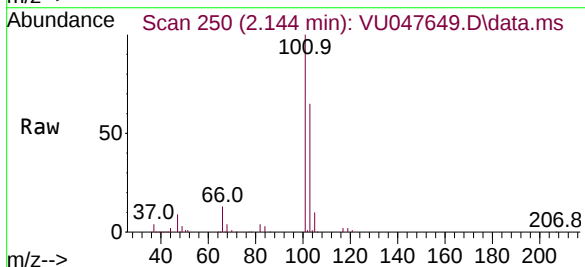
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MSVOA_U
ClientSampleId :

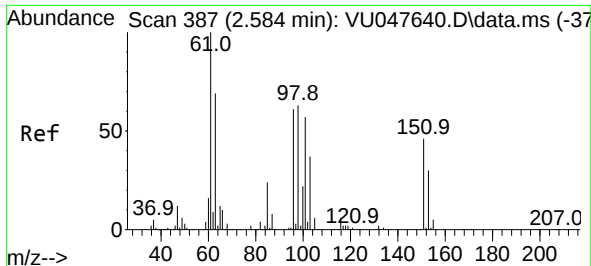
Tgt Ion: 64 Resp: 53801
Ion Ratio Lower Upper
64 100
66 32.0 23.3 43.3



#9
Trichlorofluoromethane
Concen: 71.215 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion: 101 Resp: 110669
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.2





#10

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

Concen: 72.679 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.003 min

Lab File: VU047649.D

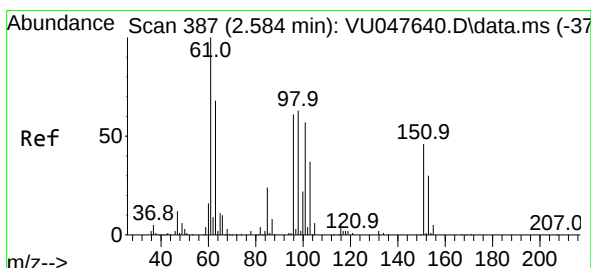
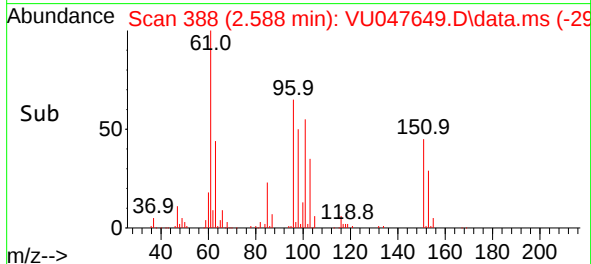
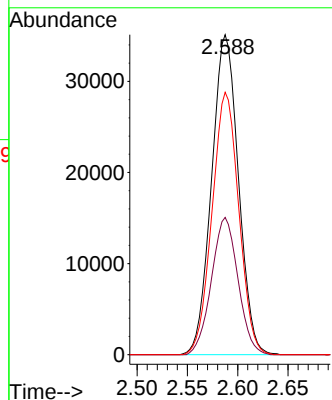
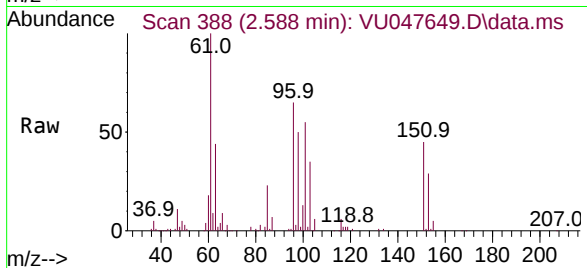
Acq: 24 Mar 2022 21:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:101	Resp:	65286
Ion Ratio	Lower	Upper
101	100	
85	42.4	32.8 49.2
151	81.6	63.0 94.6



#12

1,1-Dichloroethene

Concen: 83.333 ug/L

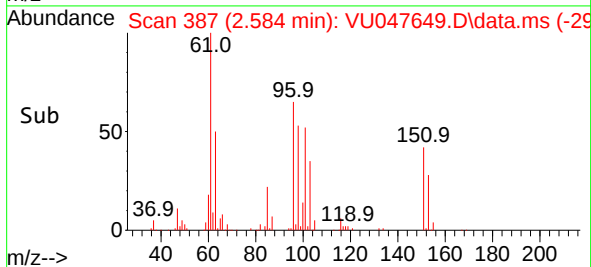
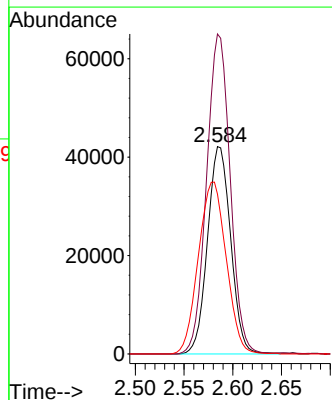
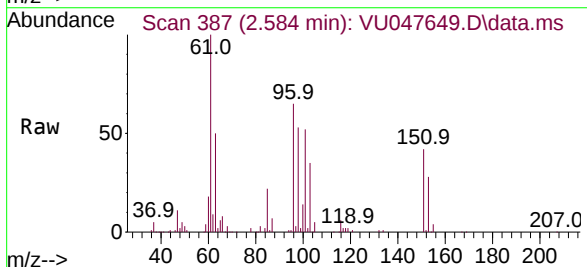
RT: 2.584 min Scan# 387

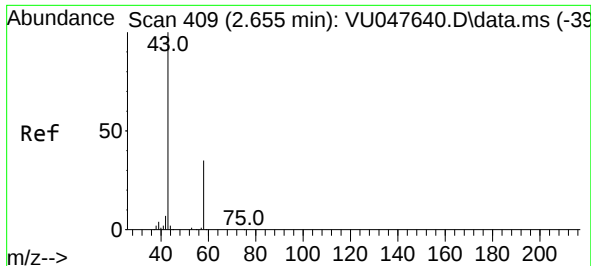
Delta R.T. -0.000 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

Tgt Ion: 96	Resp:	69666
Ion Ratio	Lower	Upper
96	100	
61	154.4	113.1 210.1
63	77.1	94.8 176.0





#13

Acetone

Concen: 147.181 ug/L

RT: 2.645 min Scan# 409

Delta R.T. -0.010 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

Instrument :

MSVOA_U

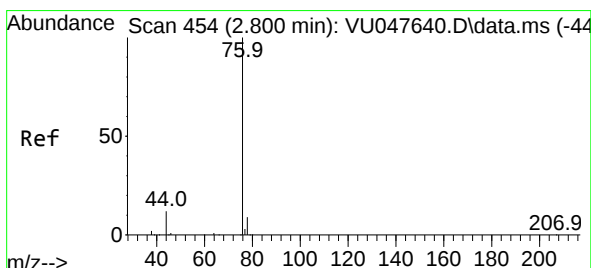
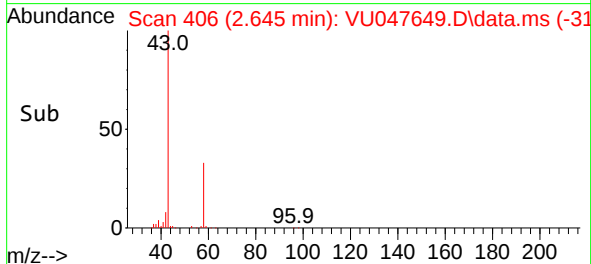
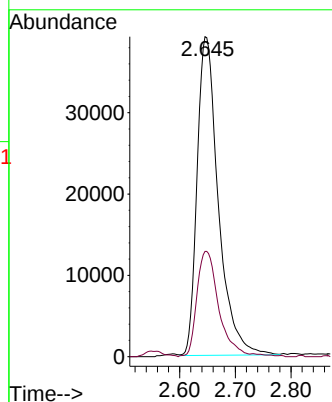
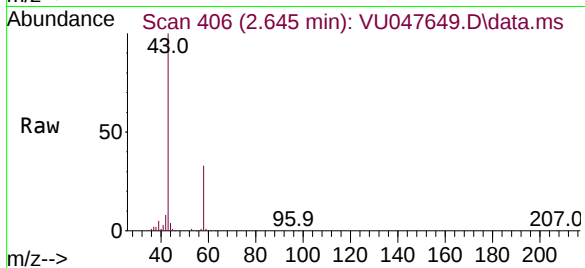
ClientSampleId :

Tgt Ion: 43 Resp: 103898

Ion Ratio Lower Upper

43 100

58 33.7 0.0 70.0



#14

Carbon disulfide

Concen: 75.840 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047649.D

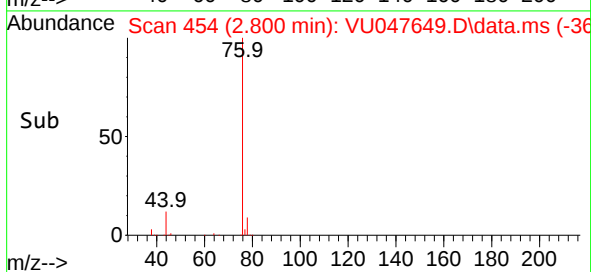
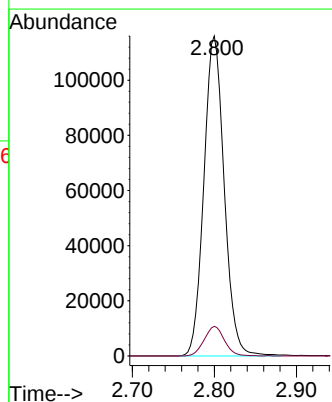
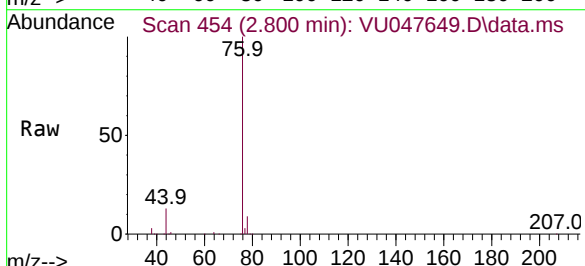
Acq: 24 Mar 2022 21:53

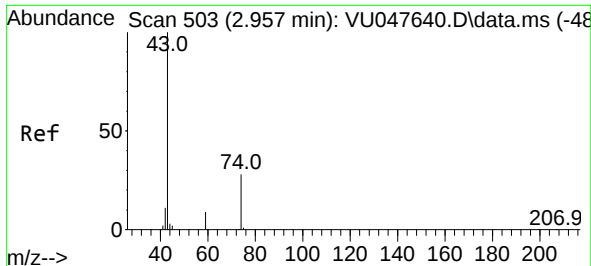
Tgt Ion: 76 Resp: 200409

Ion Ratio Lower Upper

76 100

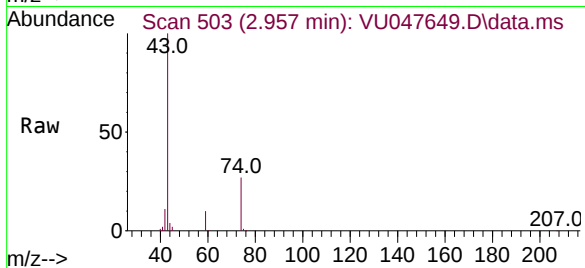
78 9.2 7.4 11.0



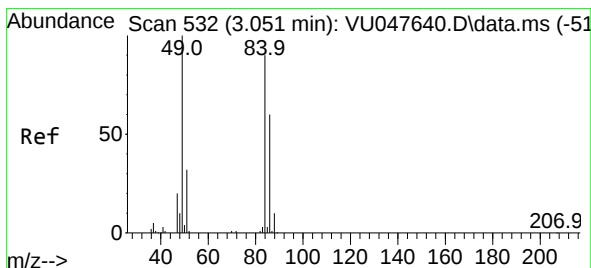
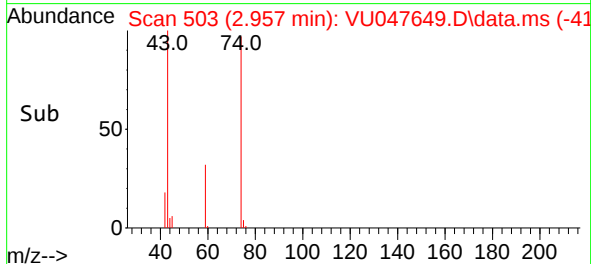
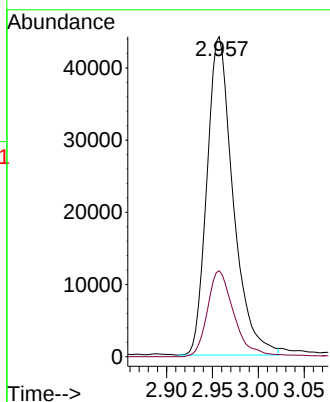


#15
Methyl Acetate
Concen: 77.940 ug/L
RT: 2.957 min Scan# 503
Delta R.T. 0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Instrument :
MSVOA_U
ClientSampleId :

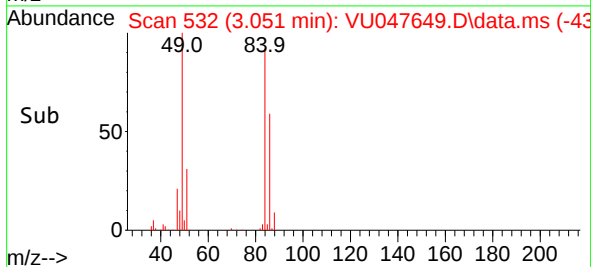
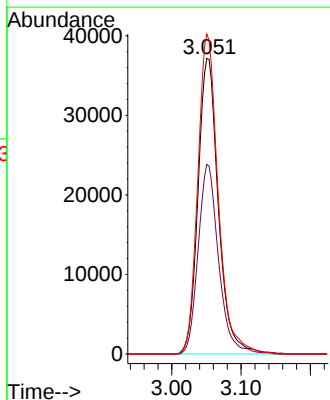
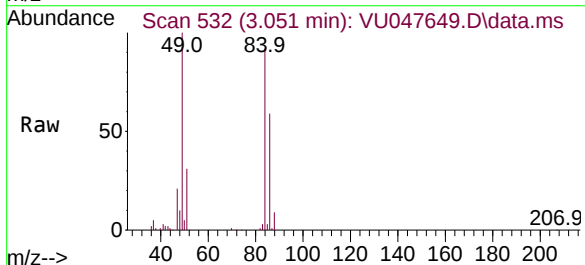


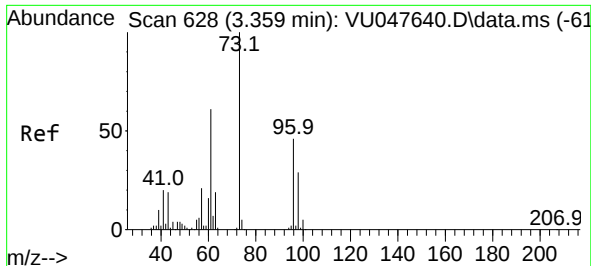
Tgt Ion: 43 Resp: 87734
Ion Ratio Lower Upper
43 100
74 27.8 22.2 33.2



#16
Methylene chloride
Concen: 79.029 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion: 84 Resp: 75814
Ion Ratio Lower Upper
84 100
86 64.2 46.0 85.4
49 108.3 75.3 139.8





#17

trans-1,2-Dichloroethene

Concen: 78.039 ug/L

RT: 3.359 min Scan# 61

Delta R.T. -0.000 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

Instrument :

MSVOA_U

ClientSampleId :

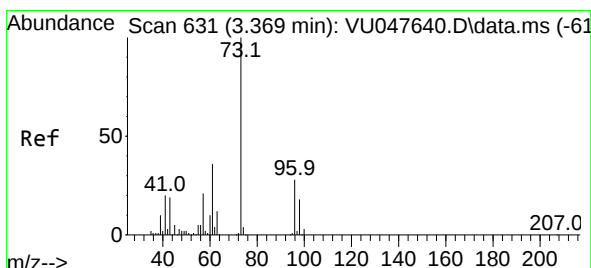
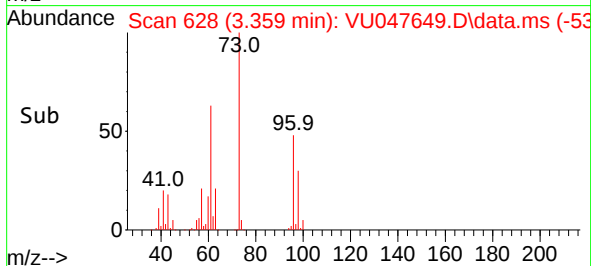
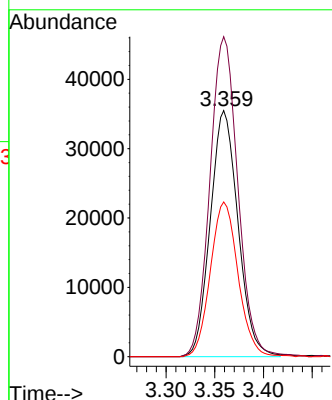
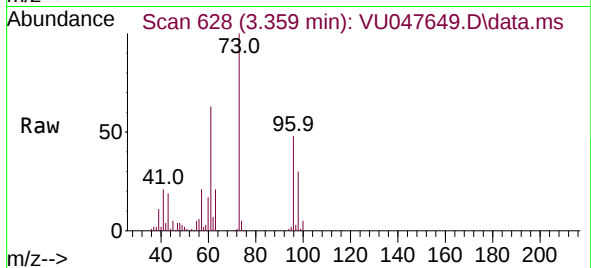
Tgt Ion: 96 Resp: 70368

Ion Ratio Lower Upper

96 100

61 130.0 88.4 164.2

98 62.9 43.3 80.5



#18

Methyl tert-butyl Ether

Concen: 75.633 ug/L

RT: 3.366 min Scan# 630

Delta R.T. -0.003 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

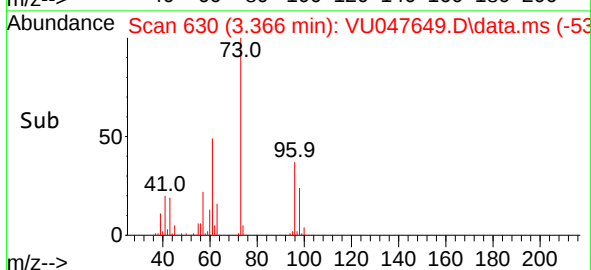
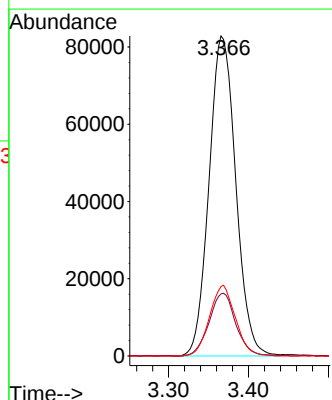
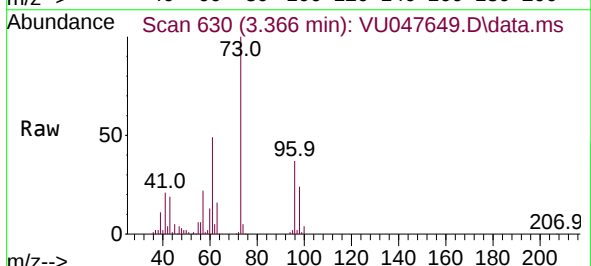
Tgt Ion: 73 Resp: 192404

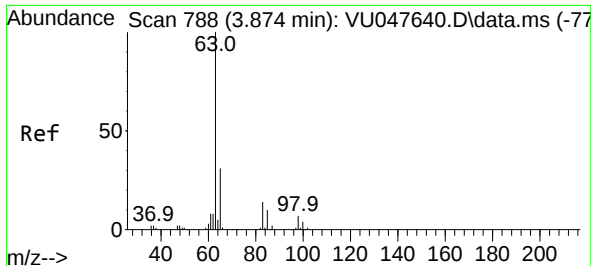
Ion Ratio Lower Upper

73 100

43 19.7 15.3 22.9

57 21.3 17.0 25.6





#19

1,1-Dichloroethane

Concen: 144.227 ug/L

RT: 3.874 min Scan# 788

Delta R.T. -0.000 min

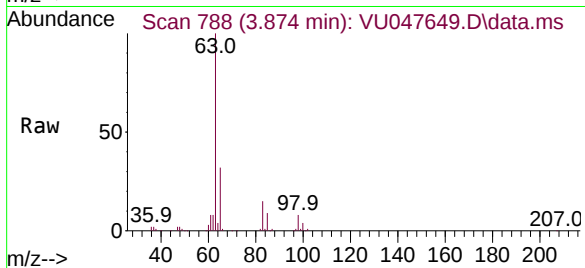
Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

Instrument :

MSVOA_U

ClientSampleId :



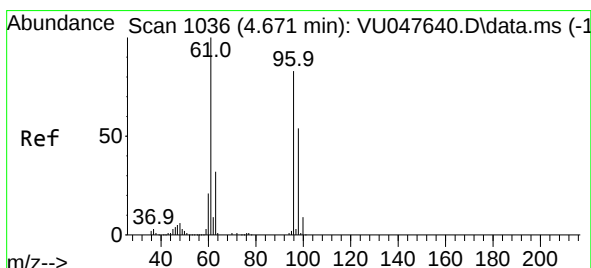
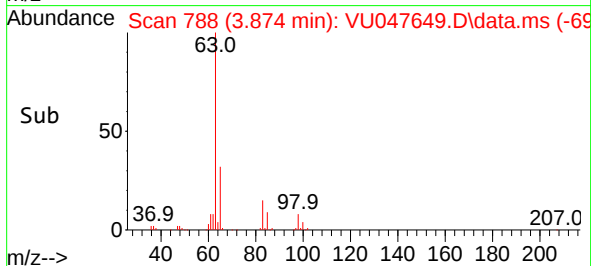
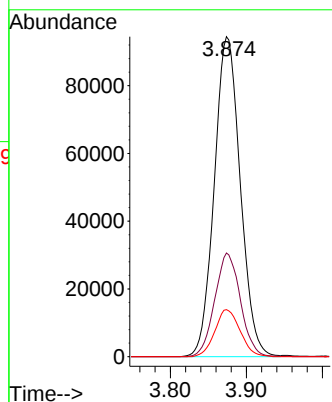
Tgt Ion: 63 Resp: 224291

Ion Ratio Lower Upper

63 100

65 32.4 22.0 41.0

83 14.7 9.7 18.1



#20

cis-1,2-Dichloroethene

Concen: 123.055 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

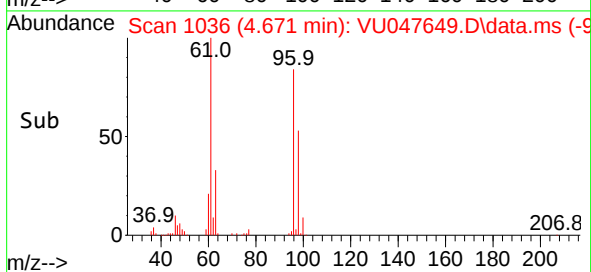
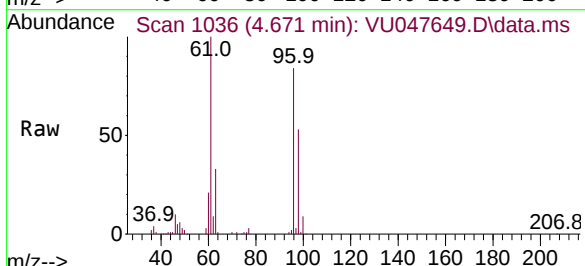
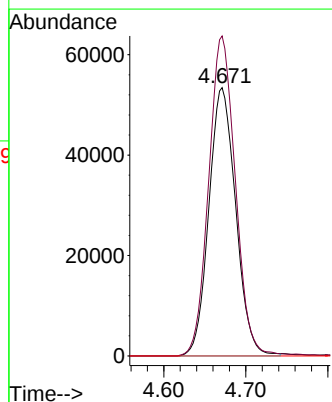
Tgt Ion: 96 Resp: 121646

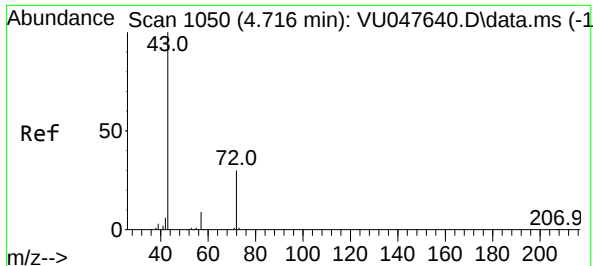
Ion Ratio Lower Upper

96 100

61 119.3 80.7 149.9

68 0.0 0.0 0.0

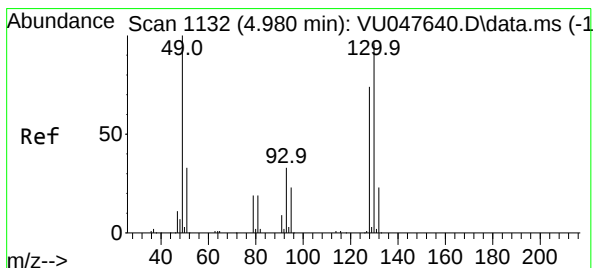
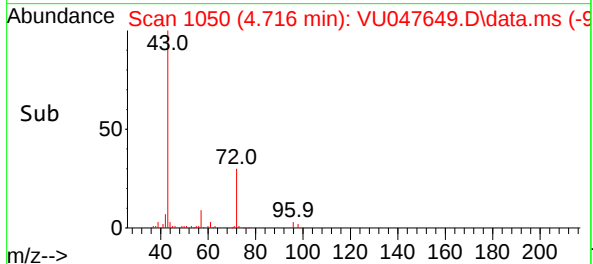
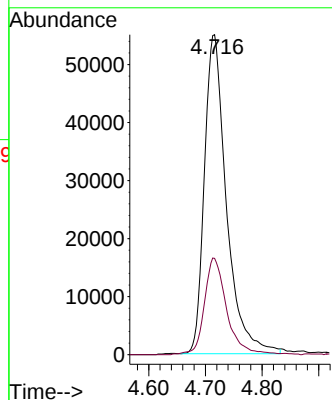
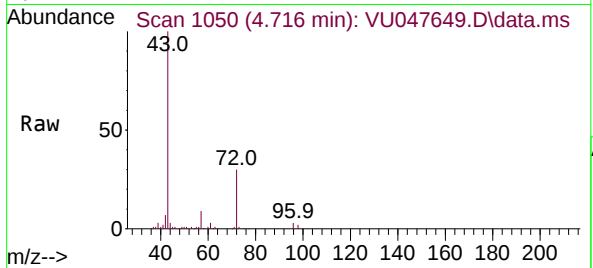




#22
2-Butanone
Concen: 163.482 ug/L
RT: 4.716 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

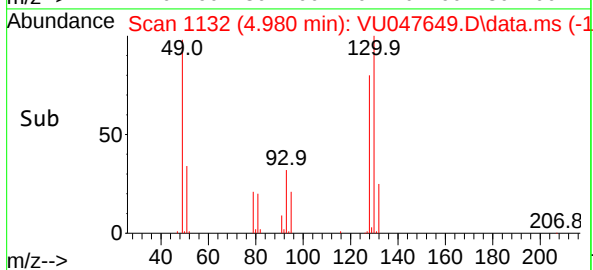
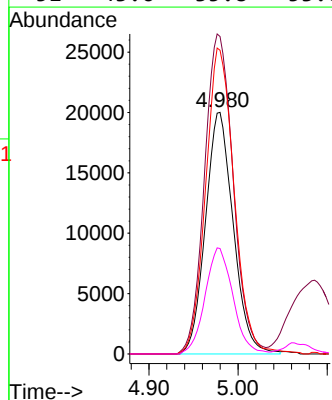
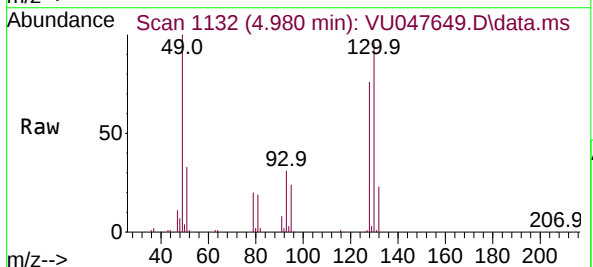
Instrument :
MSVOA_U
ClientSampleId :

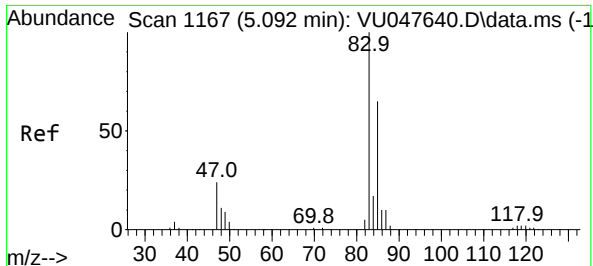
Tgt Ion: 43 Resp: 148661
Ion Ratio Lower Upper
43 100
72 30.6 16.0 47.9



#23
Bromochloromethane
Concen: 79.840 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion:128 Resp: 43334
Ion Ratio Lower Upper
128 100
49 131.3 94.1 174.8
130 125.7 90.2 167.4
51 43.6 35.8 53.6





#25

Chloroform

Concen: 78.985 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

Instrument :

MSVOA_U

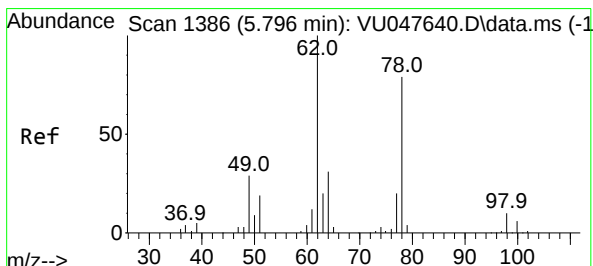
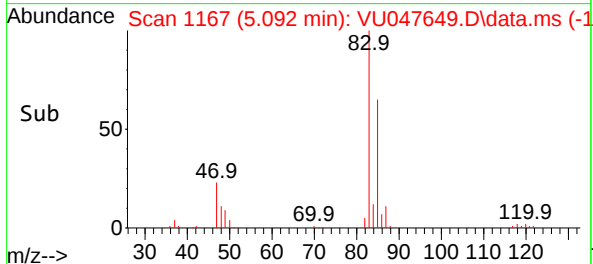
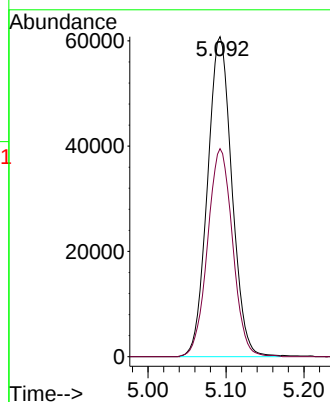
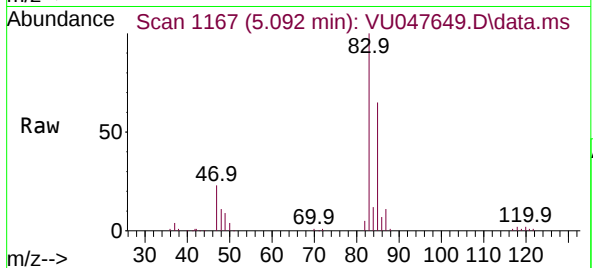
ClientSampleId :

Tgt Ion: 83 Resp: 132243

Ion Ratio Lower Upper

83 100

85 65.0 46.2 85.8



#27

1,2-Dichloroethane

Concen: 77.749 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047649.D

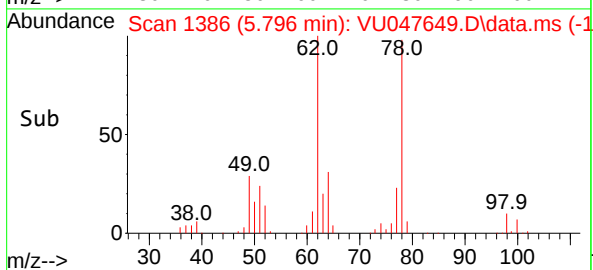
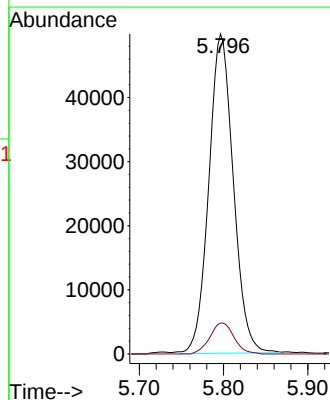
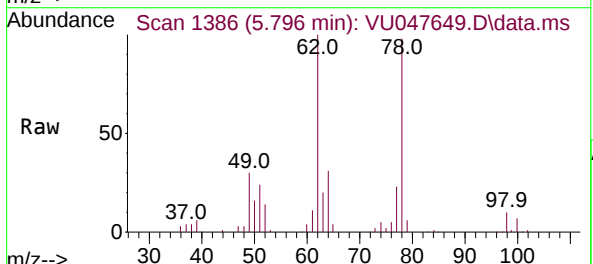
Acq: 24 Mar 2022 21:53

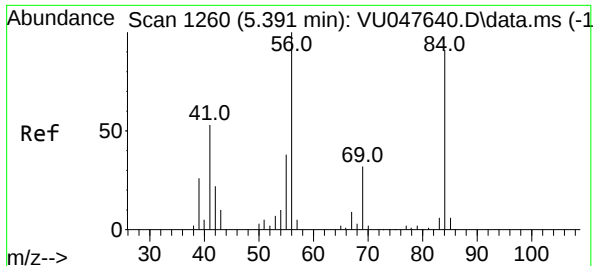
Tgt Ion: 62 Resp: 100571

Ion Ratio Lower Upper

62 100

98 9.7 7.4 11.0





#29

Cyclohexane

Concen: 77.145 ug/L

RT: 5.394 min Scan# 1260

Delta R.T. 0.003 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

Instrument :

MSVOA_U

ClientSampleId :

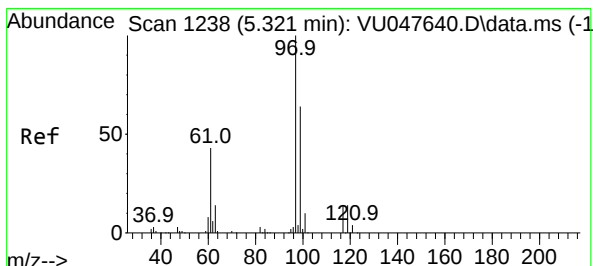
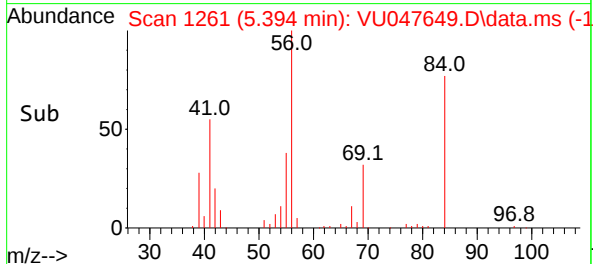
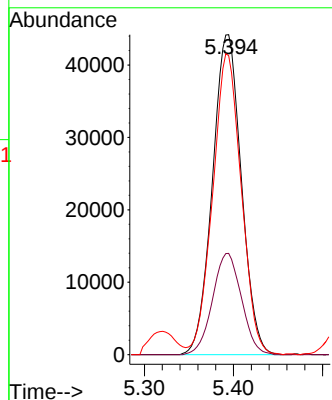
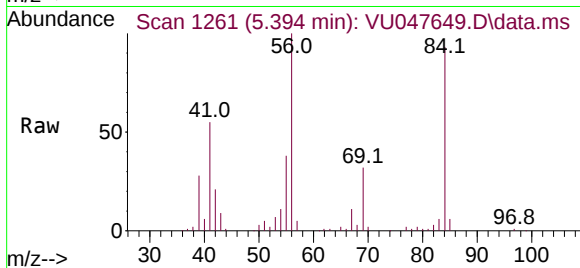
Tgt Ion: 56 Resp: 99453

Ion Ratio Lower Upper

56 100

69 31.6 25.4 38.2

84 93.1 77.0 115.6



#30

1,1,1-Trichloroethane

Concen: 302.248 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

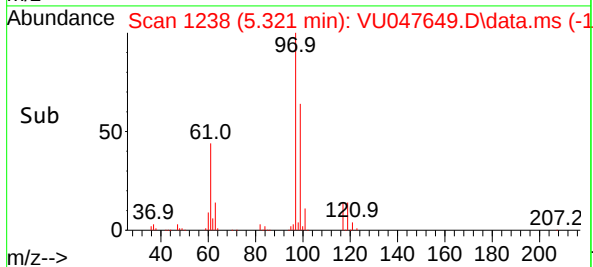
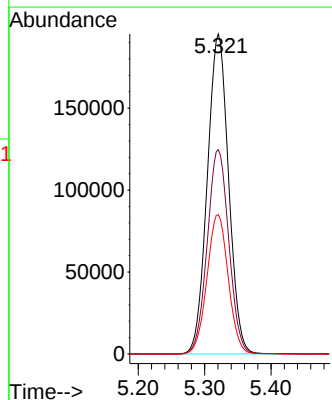
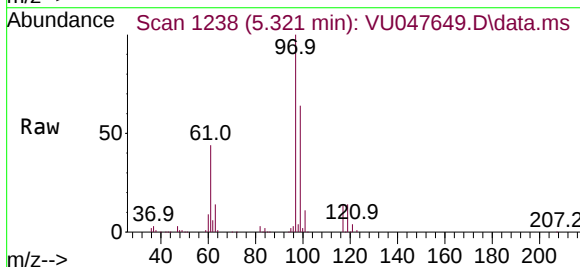
Tgt Ion: 97 Resp: 435410

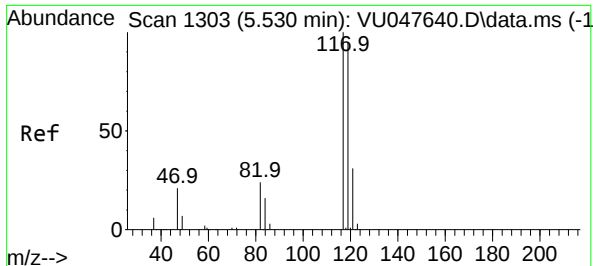
Ion Ratio Lower Upper

97 100

99 64.7 51.6 77.4

61 43.6 34.2 51.4

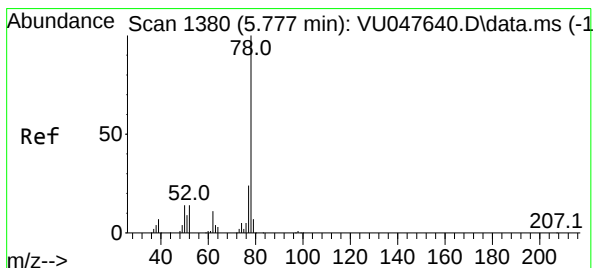
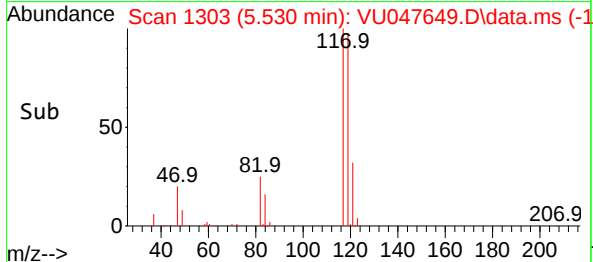
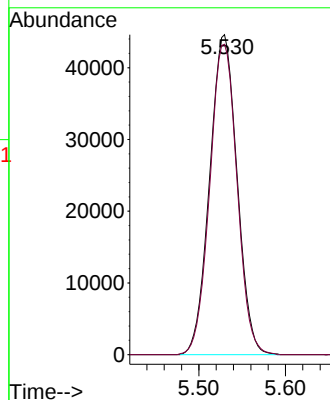
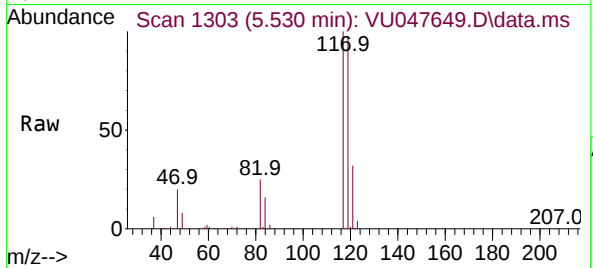




#31
Carbon tetrachloride
Concen: 75.545 ug/L
RT: 5.530 min Scan# 111
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

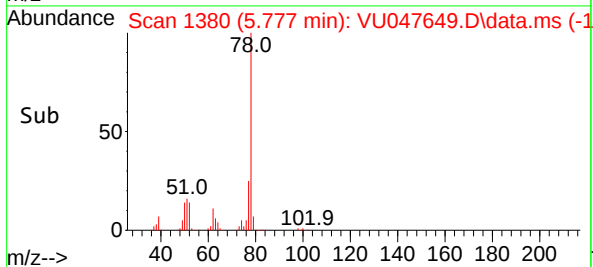
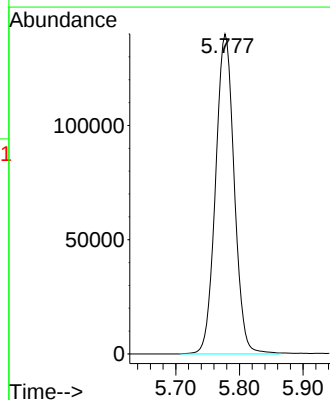
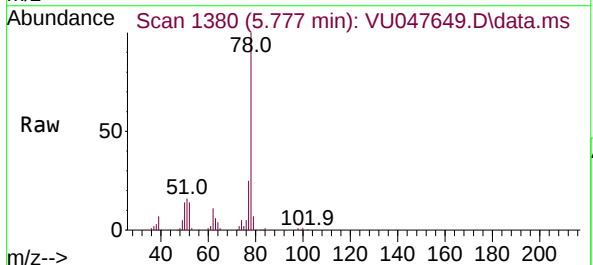
Instrument :
MSVOA_U
ClientSampleId :

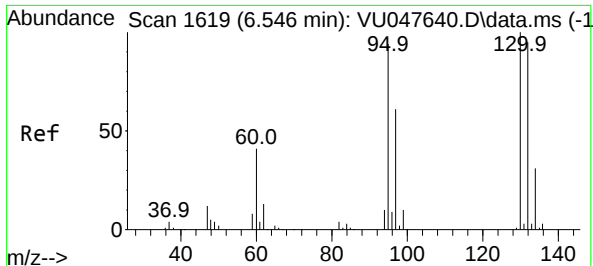
Tgt Ion:117 Resp: 98271
Ion Ratio Lower Upper
117 100
119 96.3 77.2 115.8



#33
Benzene
Concen: 77.639 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion: 78 Resp: 285507

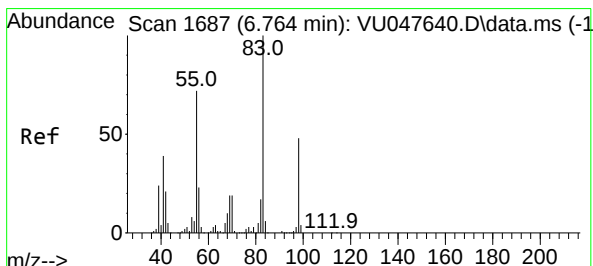
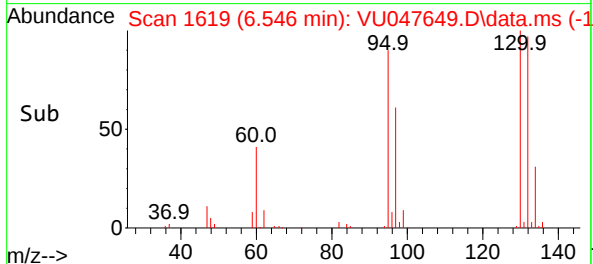
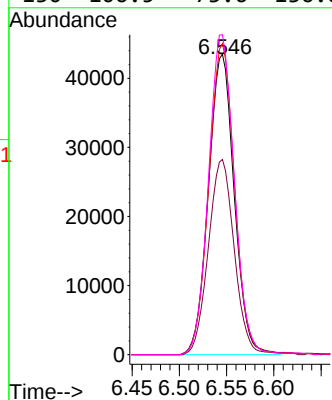
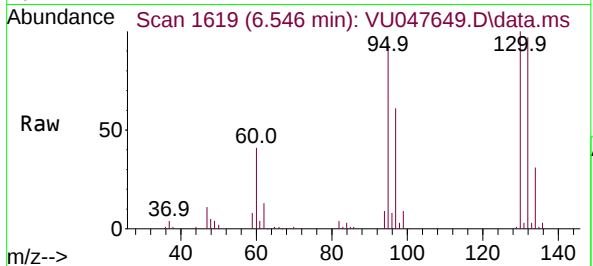




#34
Trichloroethene
Concen: 85.515 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

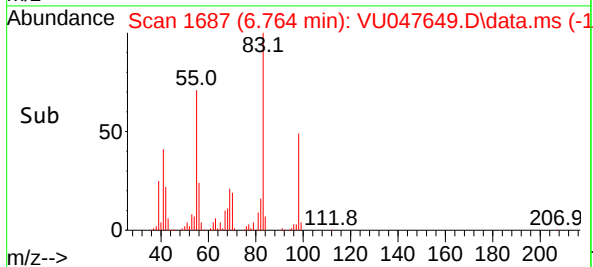
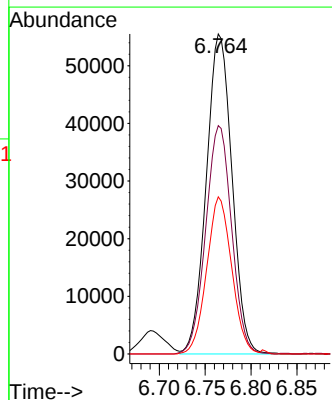
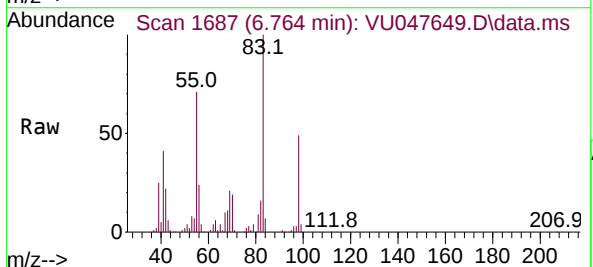
Instrument :
MSVOA_U
ClientSampleId :

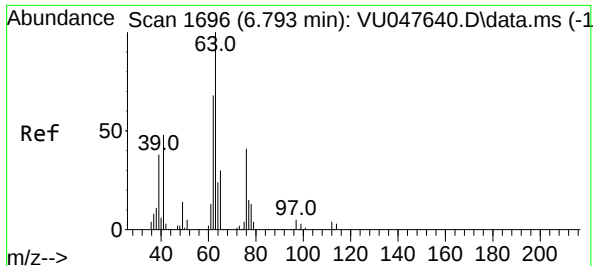
Tgt Ion: 95 Resp: 82445
Ion Ratio Lower Upper
95 100
97 64.9 44.7 82.9
132 103.5 70.4 130.8
130 106.5 73.6 136.8



#35
Methylcyclohexane
Concen: 73.930 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. 0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion: 83 Resp: 108434
Ion Ratio Lower Upper
83 100
55 71.9 56.8 85.2
98 47.6 38.1 57.1





#37

1,2-Dichloropropane

Concen: 78.229 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

Instrument :

MSVOA_U

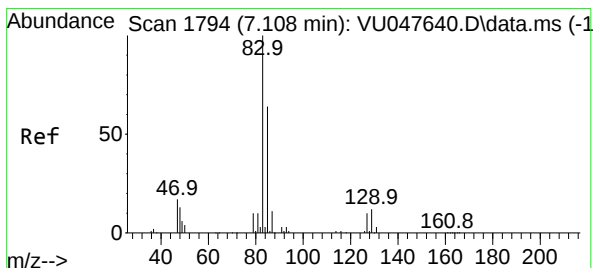
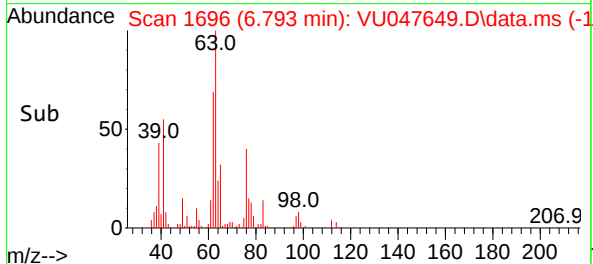
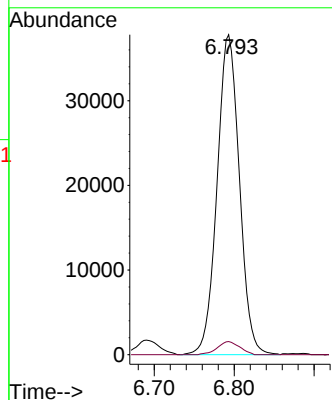
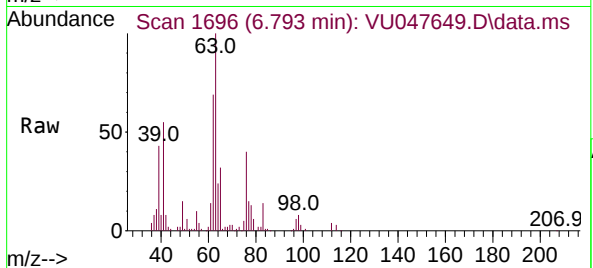
ClientSampleId :

Tgt Ion: 63 Resp: 73132

Ion Ratio Lower Upper

63 100

112 4.1 3.4 5.2



#38

Bromodichloromethane

Concen: 77.177 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

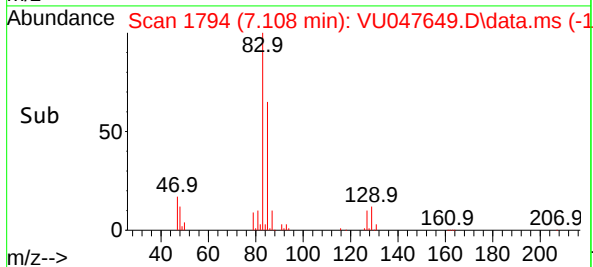
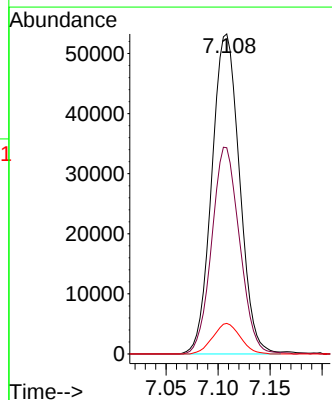
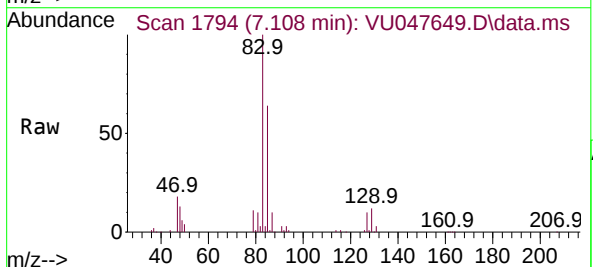
Tgt Ion: 83 Resp: 99076

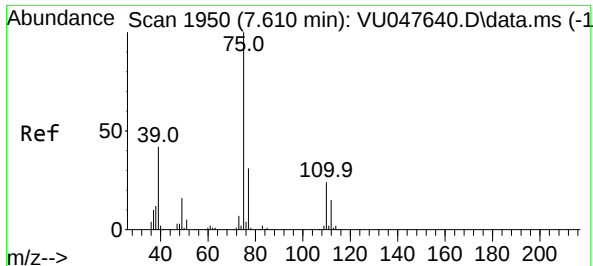
Ion Ratio Lower Upper

83 100

85 64.5 44.4 82.4

127 9.6 7.2 10.8





#39

cis-1,3-Dichloropropene

Concen: 74.362 ug/L

RT: 7.607 min Scan# 1950

Delta R.T. -0.003 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

Instrument :

MSVOA_U

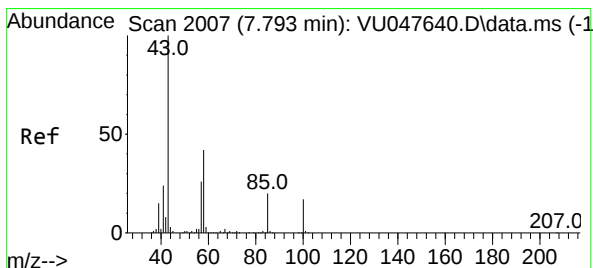
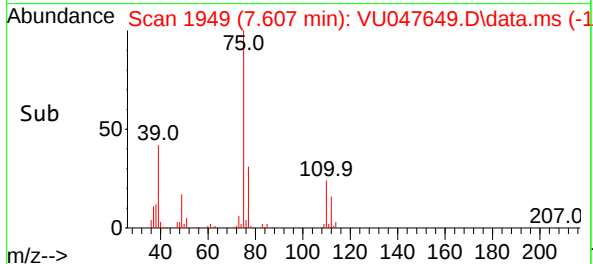
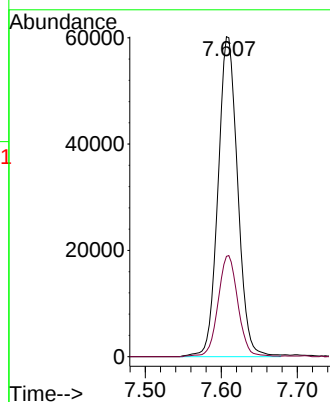
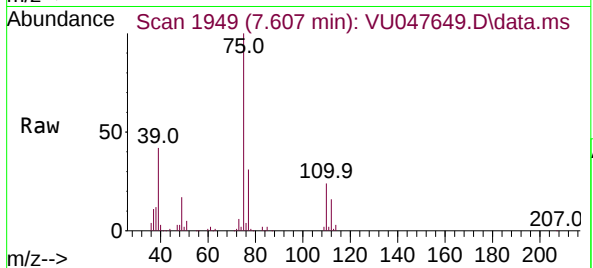
ClientSampleId :

Tgt Ion: 75 Resp: 107864

Ion Ratio Lower Upper

75 100

77 31.3 21.8 40.6



#40

4-Methyl-2-pentanone

Concen: 161.833 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

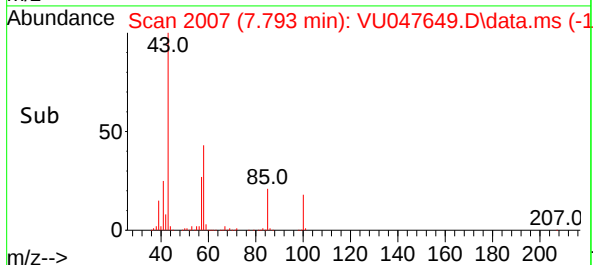
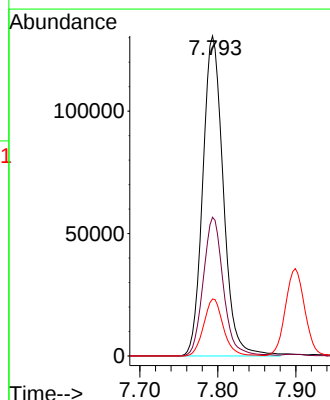
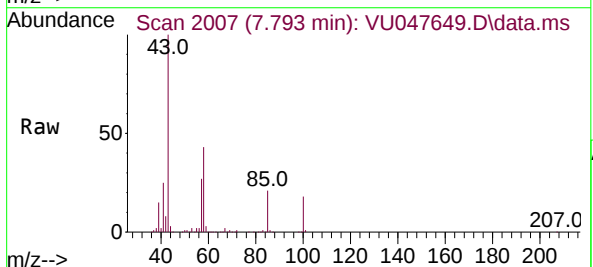
Tgt Ion: 43 Resp: 239110

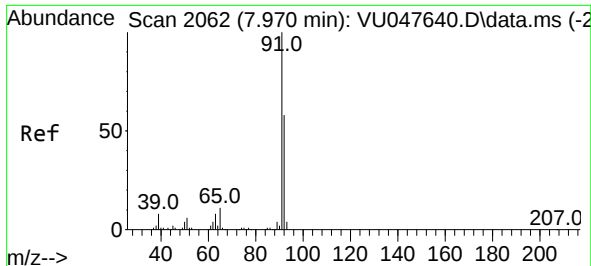
Ion Ratio Lower Upper

43 100

58 42.4 34.7 52.1

100 17.1 14.2 21.2





#42

Toluene

Concen: 76.836 ug/L

RT: 7.970 min Scan# 2062

Delta R.T. -0.000 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

Instrument :

MSVOA_U

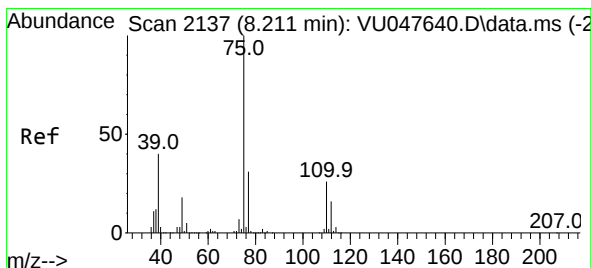
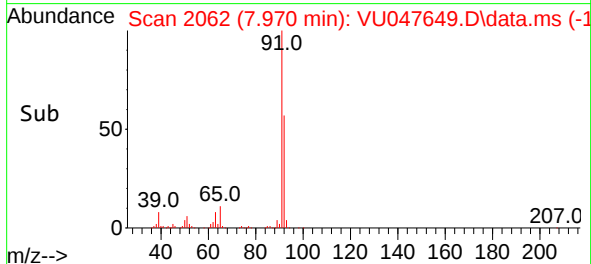
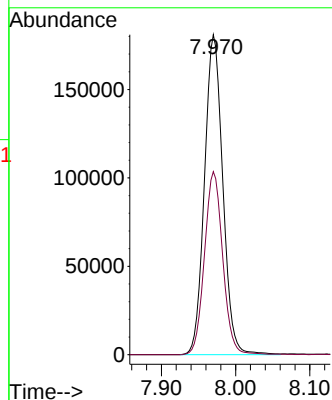
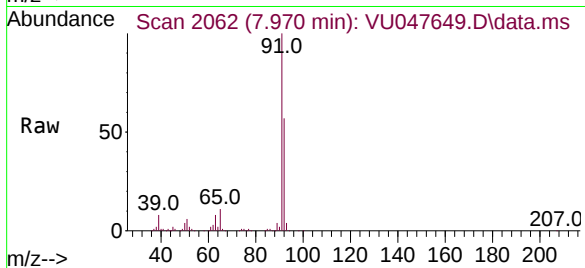
ClientSampleId :

Tgt Ion: 91 Resp: 310029

Ion Ratio Lower Upper

91 100

92 57.2 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 74.476 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047649.D

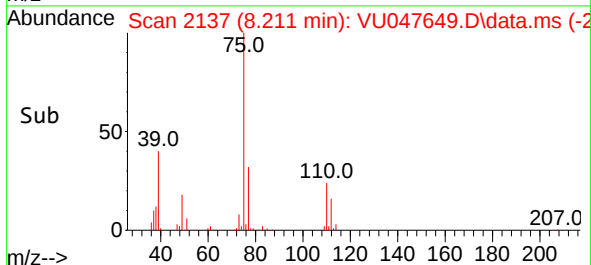
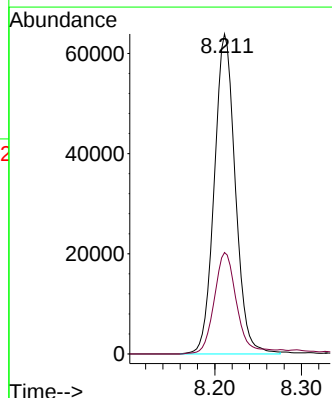
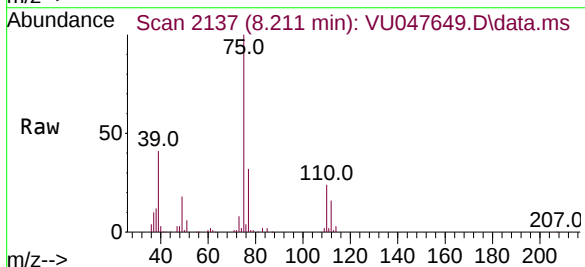
Acq: 24 Mar 2022 21:53

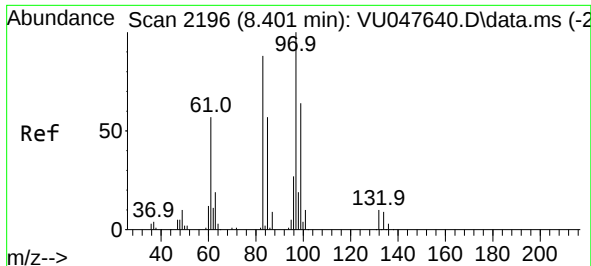
Tgt Ion: 75 Resp: 107863

Ion Ratio Lower Upper

75 100

77 31.7 22.0 40.8

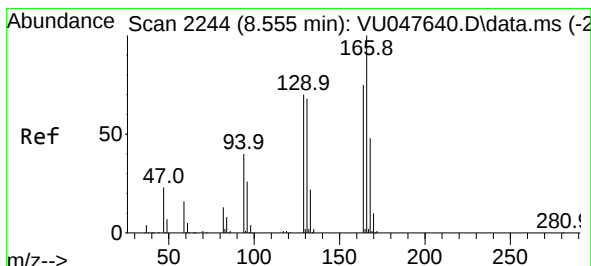
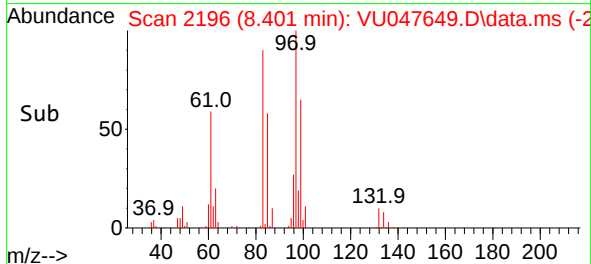
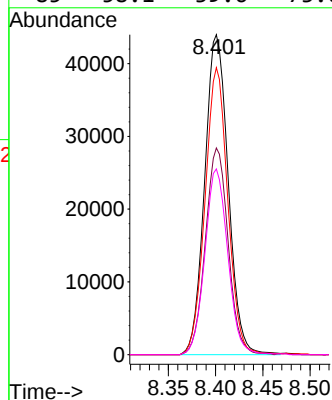
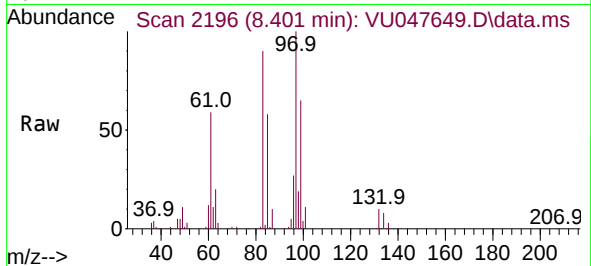




#45
1,1,2-Trichloroethane
Concen: 76.908 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

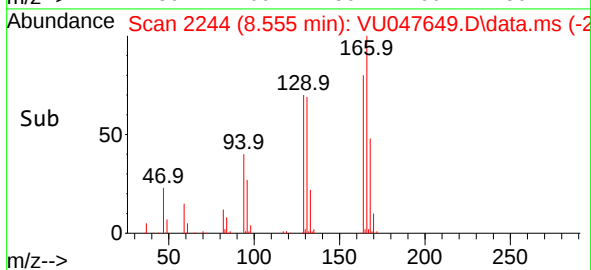
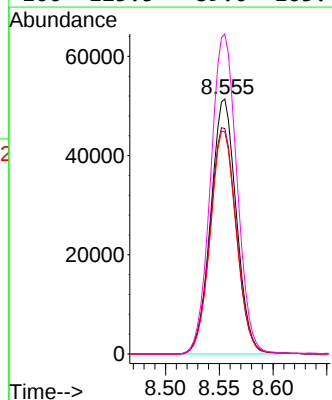
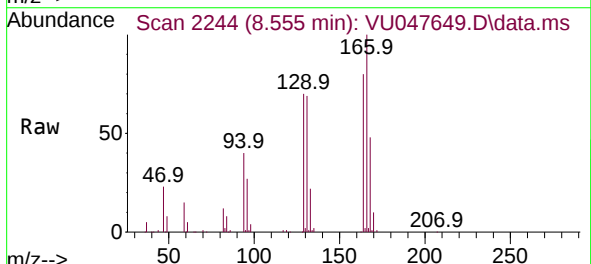
Instrument :
MSVOA_U
ClientSampleId :

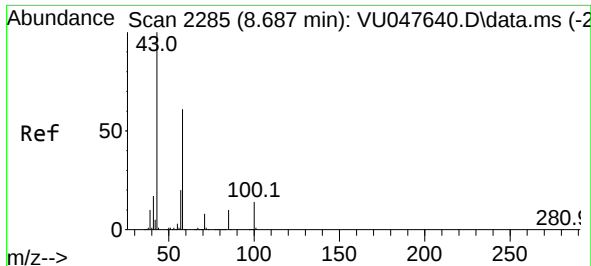
Tgt Ion:	97	Resp:	76252
Ion	Ratio	Lower	Upper
97	100		
99	64.6	43.3	80.3
83	89.7	61.0	113.4
85	58.1	39.6	73.6



#46
Tetrachloroethene
Concen: 98.457 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion:	164	Resp:	85301
Ion	Ratio	Lower	Upper
164	100		
129	88.4	62.4	116.0
131	87.1	60.7	112.7
166	125.5	89.0	165.4

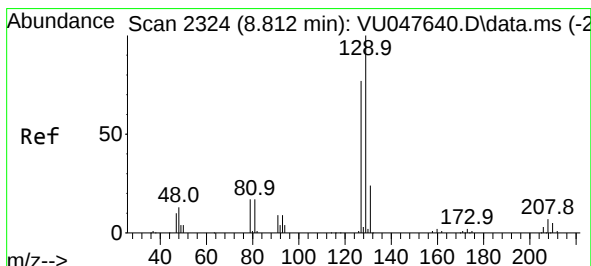
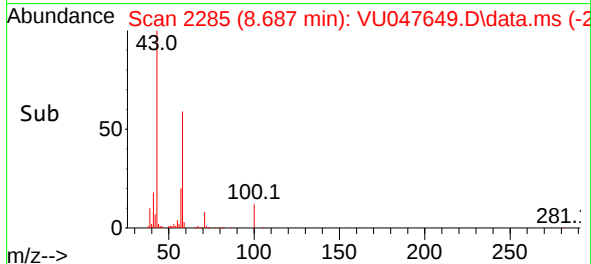
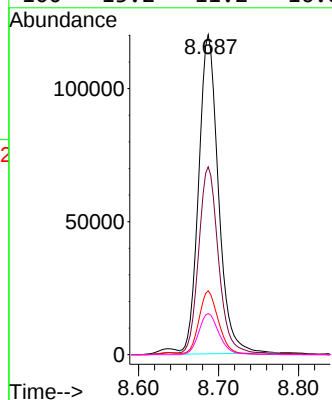
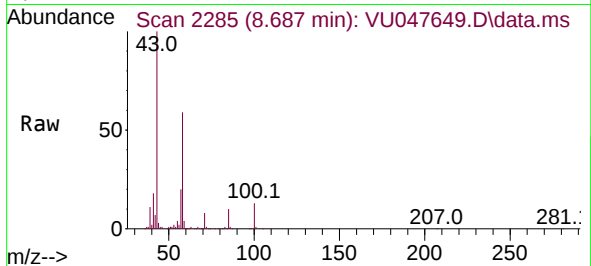




#48
2-Hexanone
Concen: 162.278 ug/L
RT: 8.687 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

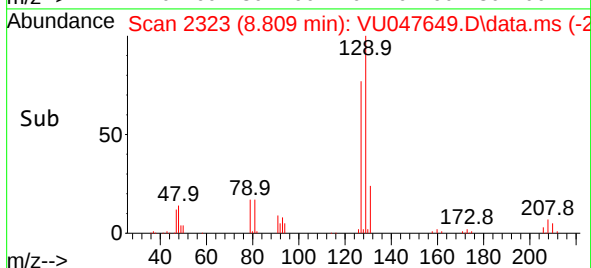
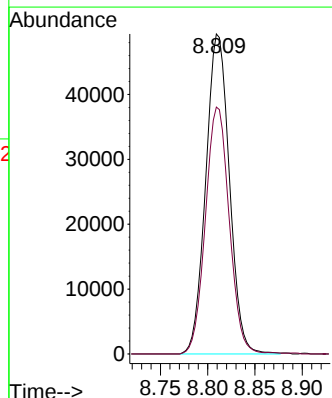
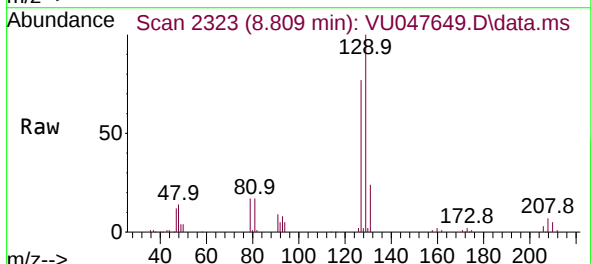
Instrument :
MSVOA_U
ClientSampleId :

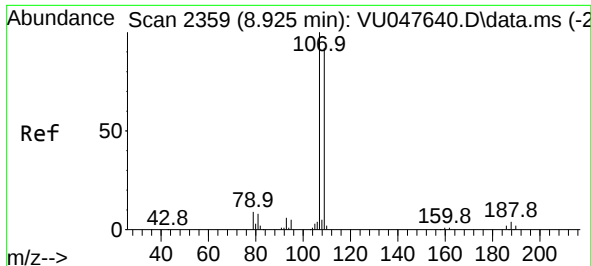
Tgt Ion: 43 Resp: 206245
Ion Ratio Lower Upper
43 100
58 58.8 48.1 72.1
57 19.7 16.2 24.4
100 13.2 11.2 16.8



#49
Dibromochloromethane
Concen: 74.737 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion: 129 Resp: 85824
Ion Ratio Lower Upper
129 100
127 77.2 54.2 100.6





#50

1,2-Dibromoethane

Concen: 77.336 ug/L

RT: 8.925 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU047649.D

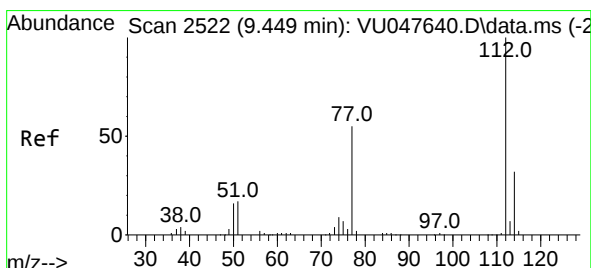
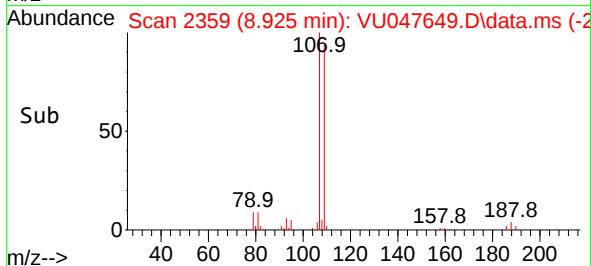
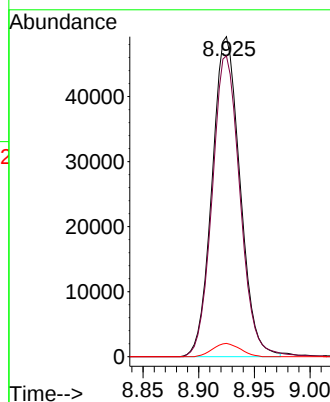
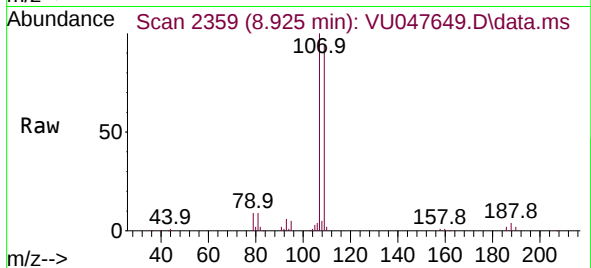
Acq: 24 Mar 2022 21:53

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion:	107	Resp:	85960
Ion	Ratio	Lower	Upper
107	100		
109	94.0	66.6	123.6
188	4.1	3.4	5.2



#51

Chlorobenzene

Concen: 74.556 ug/L

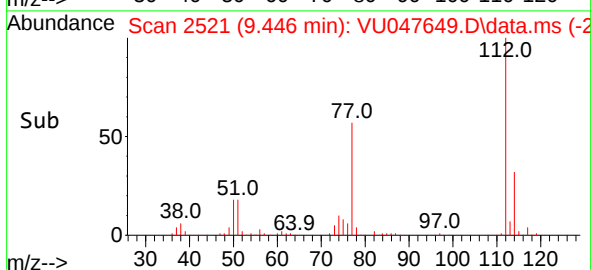
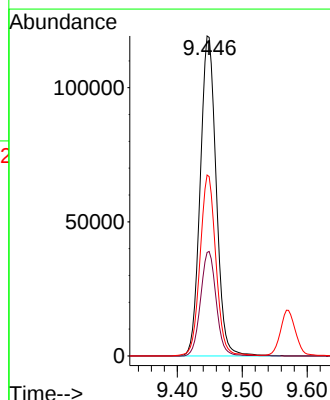
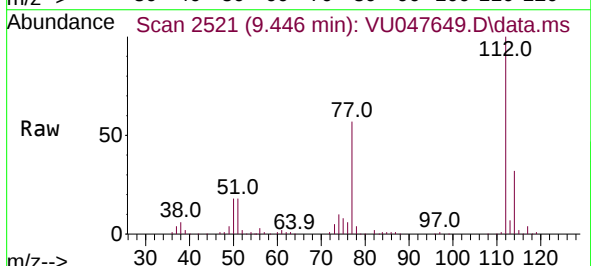
RT: 9.446 min Scan# 2521

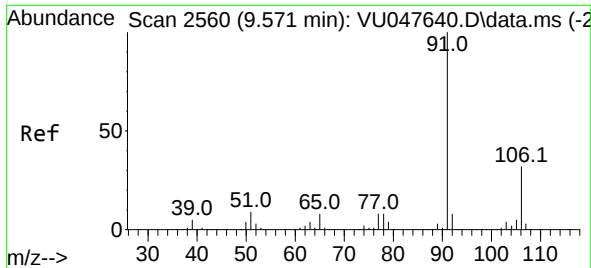
Delta R.T. -0.003 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

Tgt Ion:	112	Resp:	204262
Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.1	41.1
77	56.6	43.4	65.0

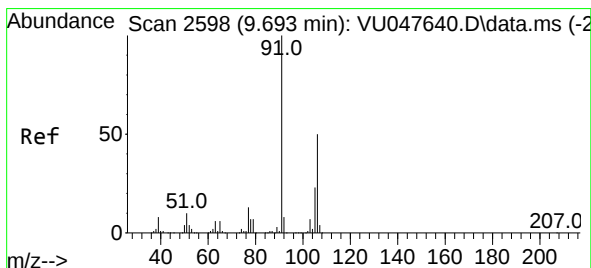
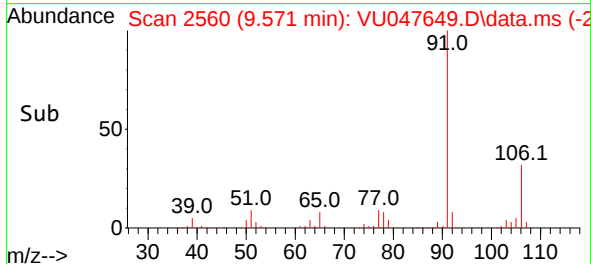
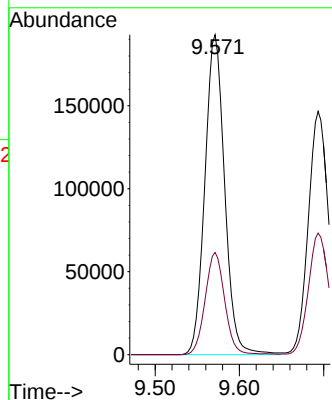
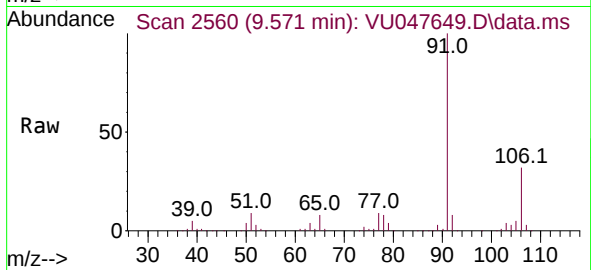




#52
Ethylbenzene
Concen: 74.253 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

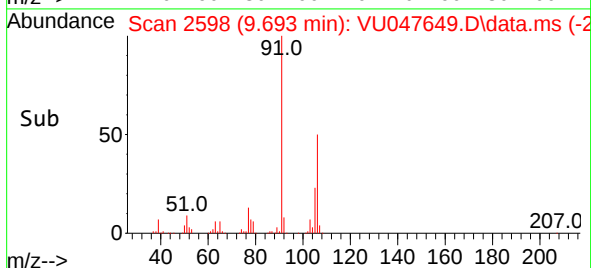
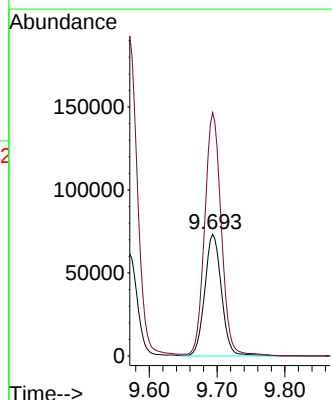
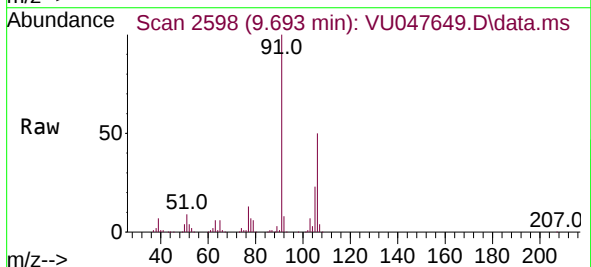
Instrument :
MSVOA_U
ClientSampleId :

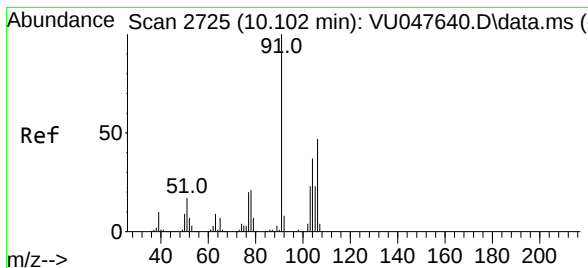
Tgt Ion: 91 Resp: 315028
Ion Ratio Lower Upper
91 100
106 32.0 22.4 41.6



#53
m,p-Xylene
Concen: 75.491 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion: 106 Resp: 125671
Ion Ratio Lower Upper
106 100
91 200.1 137.7 255.7

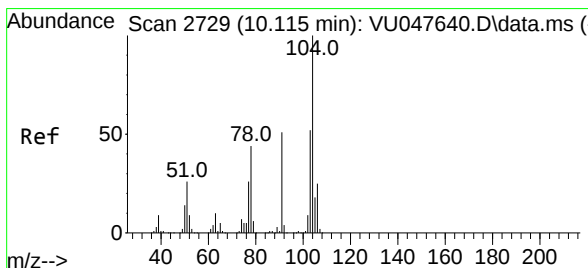
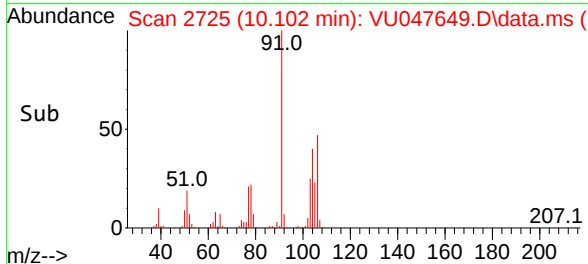
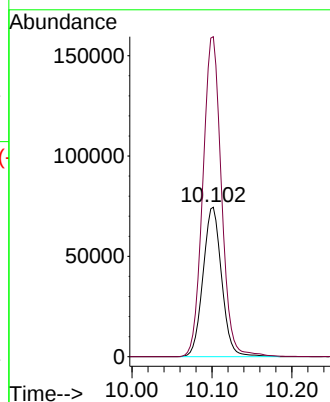
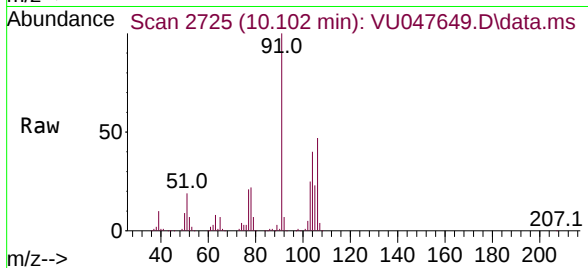




#54
o-Xylene
Concen: 74.128 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

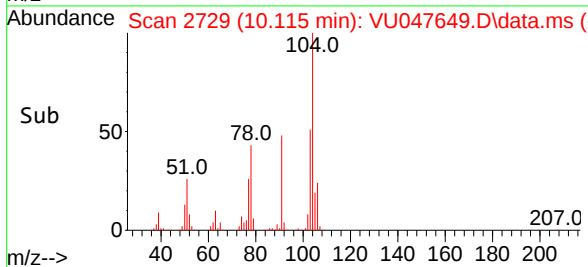
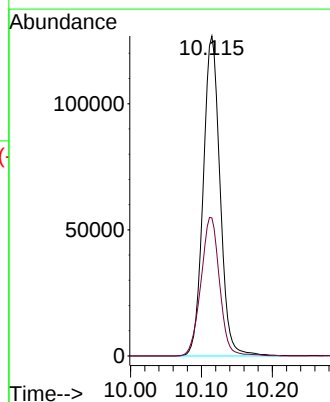
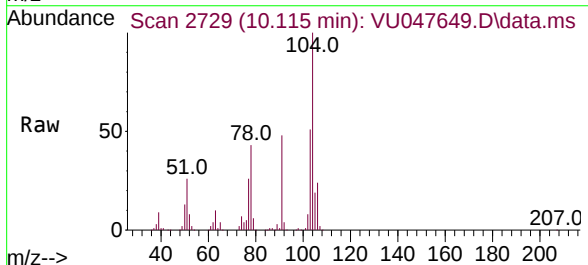
Instrument :
MSVOA_U
ClientSampleId :

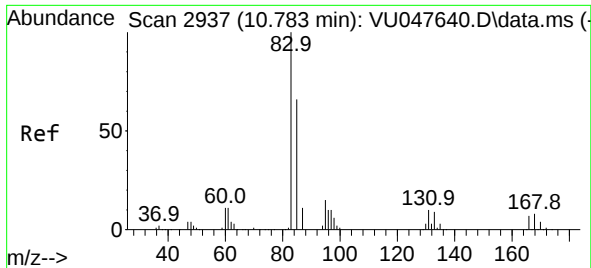
Tgt Ion:106 Resp: 121115
Ion Ratio Lower Upper
106 100
91 214.2 146.7 272.5



#55
Styrene
Concen: 75.219 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. 0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion:104 Resp: 209825
Ion Ratio Lower Upper
104 100
78 43.2 30.4 56.4

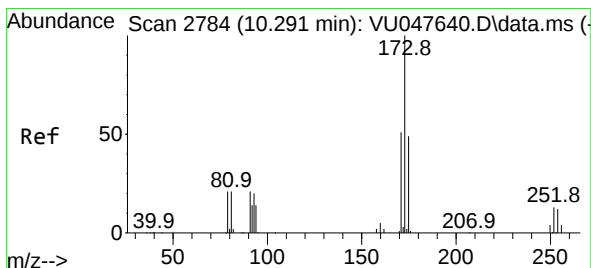
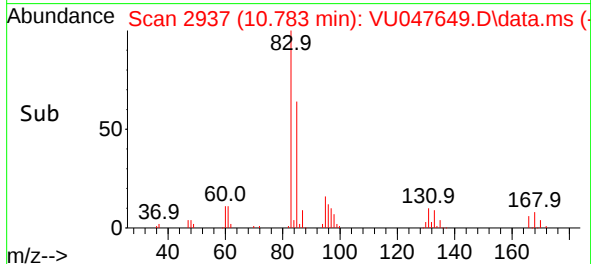
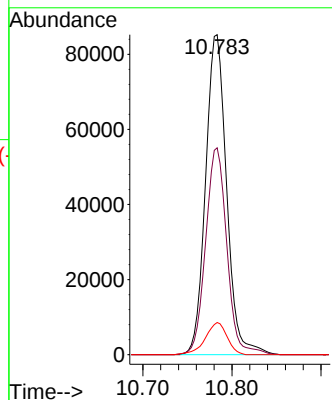
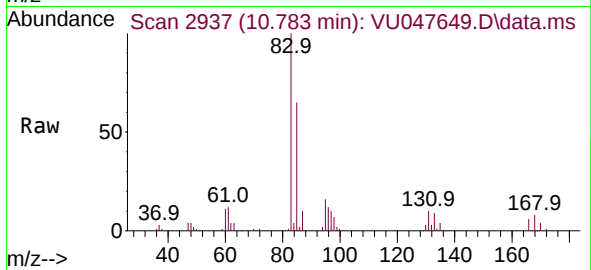




#57
1,1,2,2-Tetrachloroethane
Concen: 75.267 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

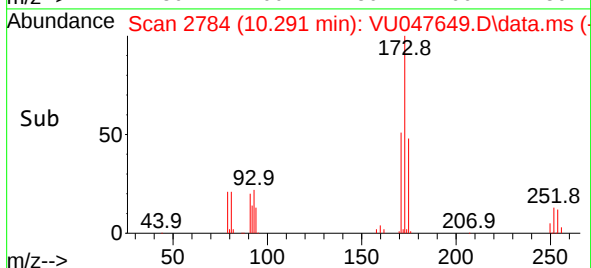
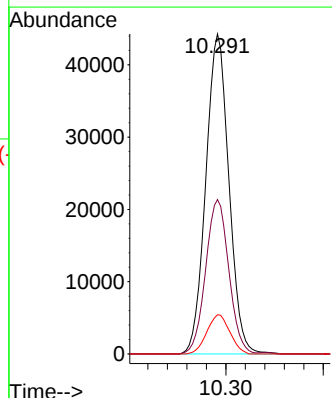
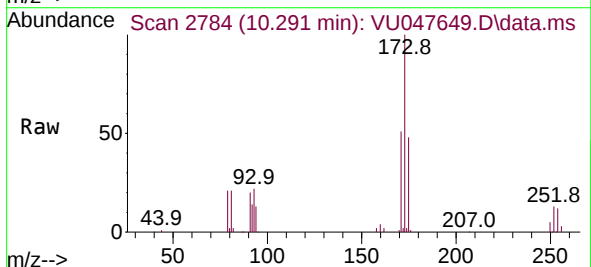
Instrument :
MSVOA_U
ClientSampleId :

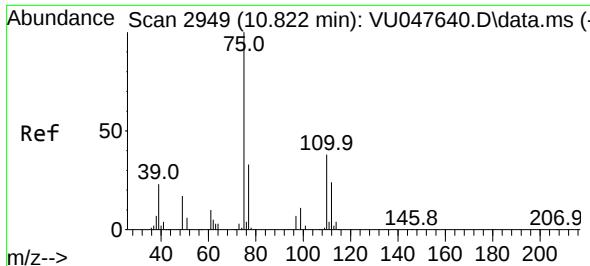
Tgt Ion: 83 Resp: 139902
Ion Ratio Lower Upper
83 100
85 64.7 44.9 83.3
131 10.0 8.6 13.0



#59
Bromoform
Concen: 72.925 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion:173 Resp: 72734
Ion Ratio Lower Upper
173 100
175 48.5 38.7 58.1
254 12.2 9.6 14.4

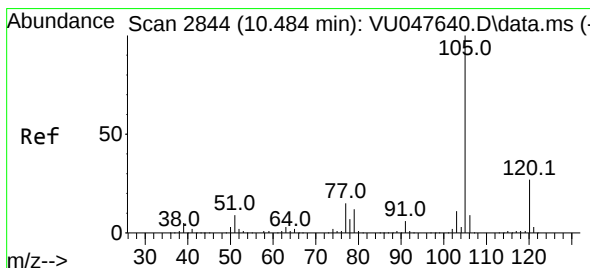
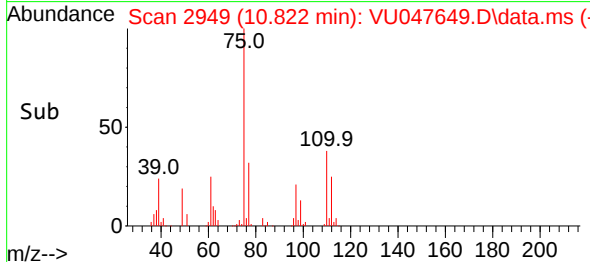
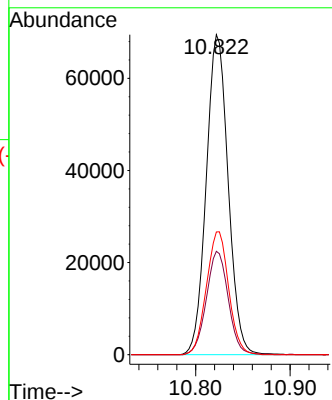
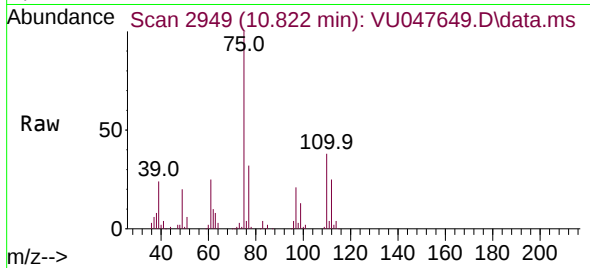




#60
1,2,3-Trichloropropane
Concen: 75.979 ug/L
RT: 10.822 min Scan# 2949
Delta R.T. 0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

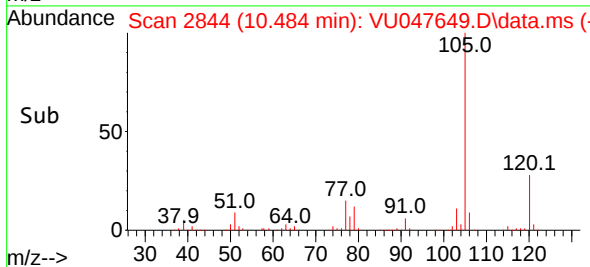
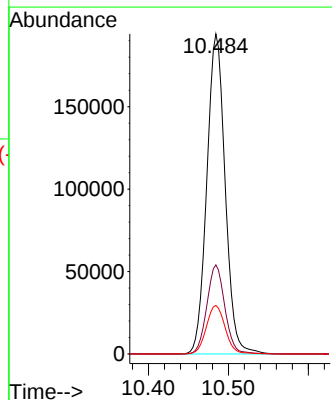
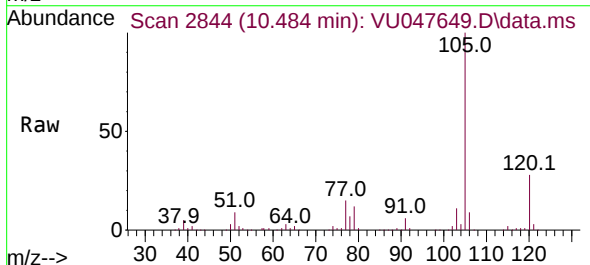
Instrument :
MSVOA_U
ClientSampleId :

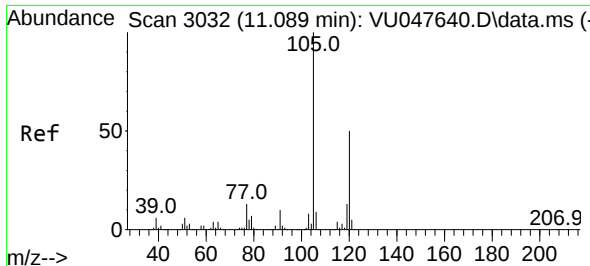
Tgt Ion: 75 Resp: 111719
Ion Ratio Lower Upper
75 100
77 32.3 26.0 39.0
110 39.1 31.4 47.2



#61
Isopropylbenzene
Concen: 73.434 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion: 105 Resp: 309554
Ion Ratio Lower Upper
105 100
120 27.3 21.9 32.9
77 15.7 12.1 18.1

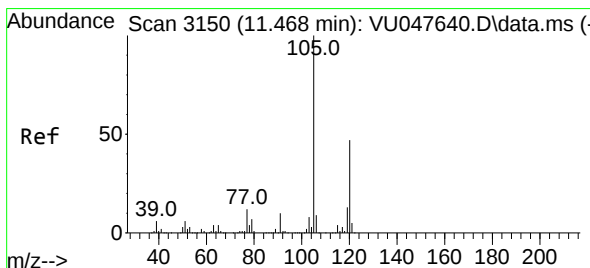
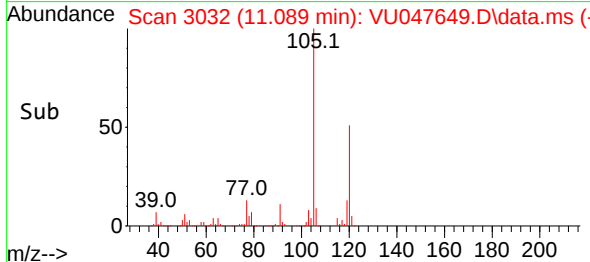
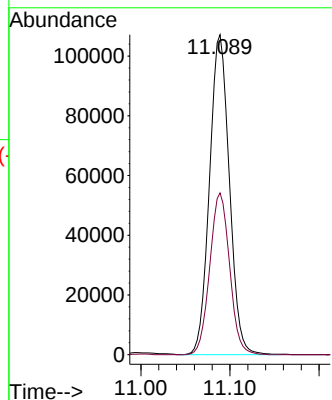
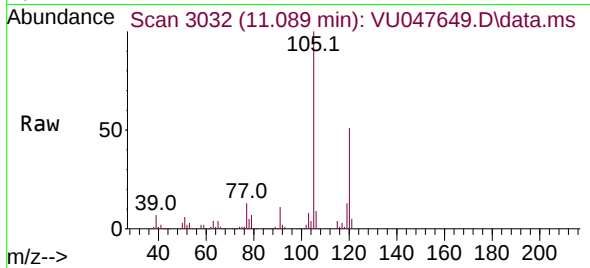




#62
1,3,5-Trimethylbenzene
Concen: 72.296 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

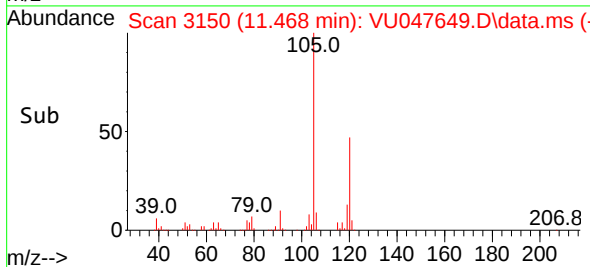
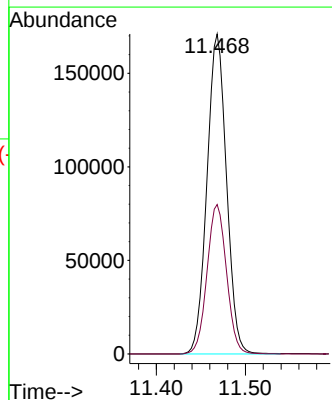
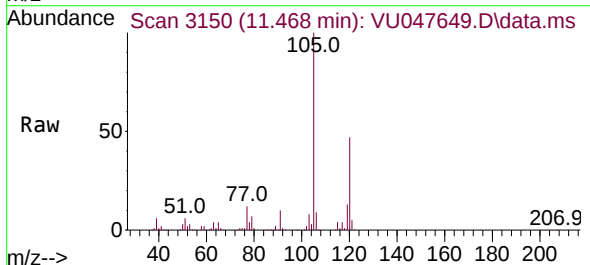
Instrument :
MSVOA_U
ClientSampleId :

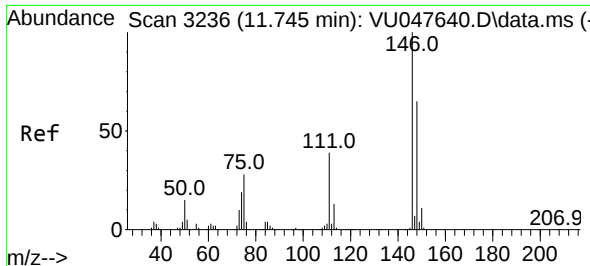
Tgt Ion:105 Resp: 165354
Ion Ratio Lower Upper
105 100
120 50.5 40.8 61.2



#63
1,2,4-Trimethylbenzene
Concen: 74.854 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion:105 Resp: 260053
Ion Ratio Lower Upper
105 100
120 46.5 37.6 56.4

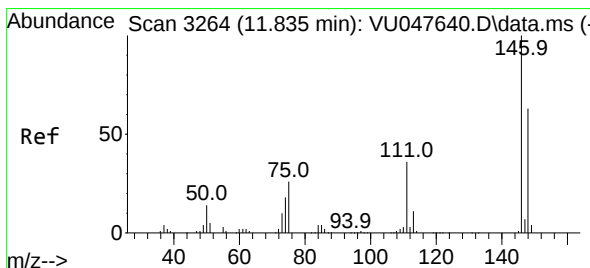
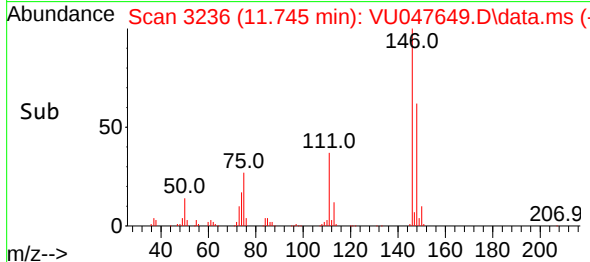
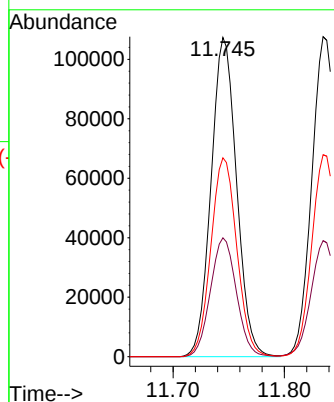
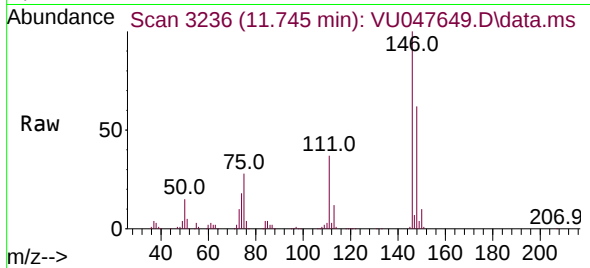




#64
1,3-Dichlorobenzene
Concen: 72.946 ug/L
RT: 11.745 min Scan# 3236
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

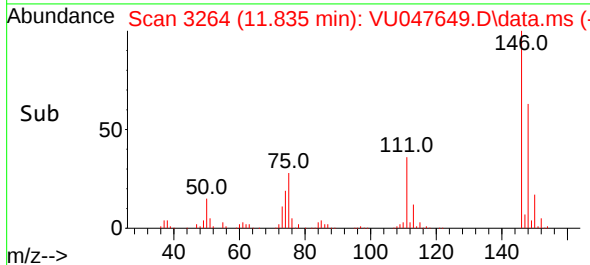
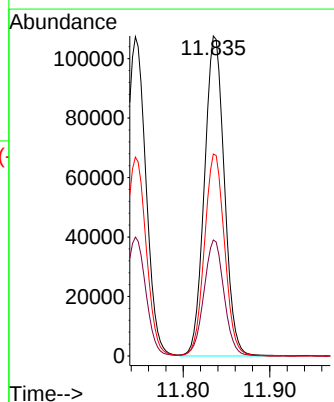
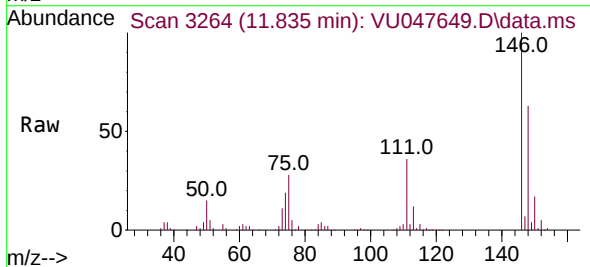
Instrument :
MSVOA_U
ClientSampleId :

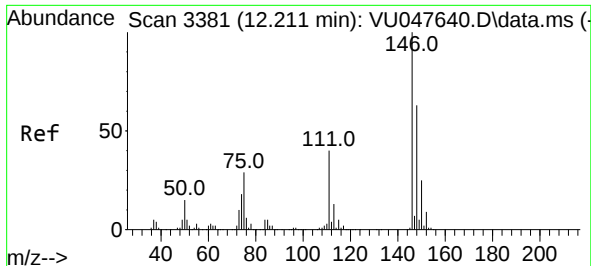
Tgt Ion:146 Resp: 170913
Ion Ratio Lower Upper
146 100
111 37.2 26.7 49.7
148 62.3 44.4 82.5



#65
1,4-Dichlorobenzene
Concen: 70.897 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

Tgt Ion:146 Resp: 172059
Ion Ratio Lower Upper
146 100
111 36.3 25.3 47.1
148 63.1 44.5 82.7

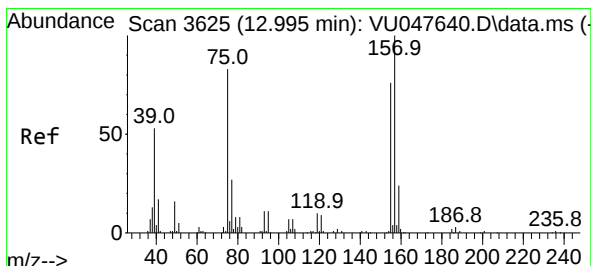
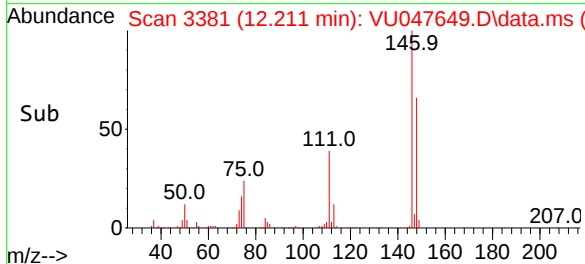
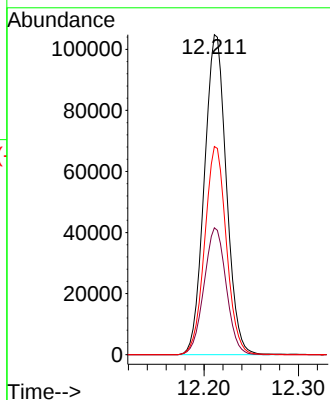
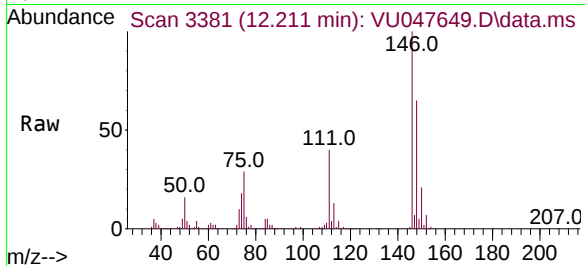




#67
1,2-Dichlorobenzene
Concen: 72.326 ug/L
RT: 12.211 min Scan# 311
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

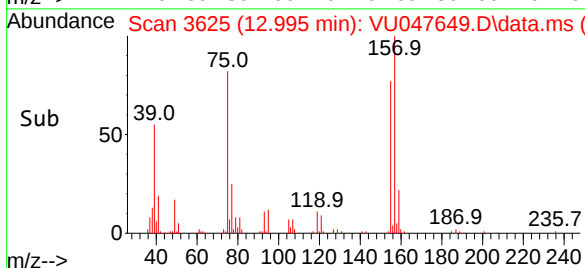
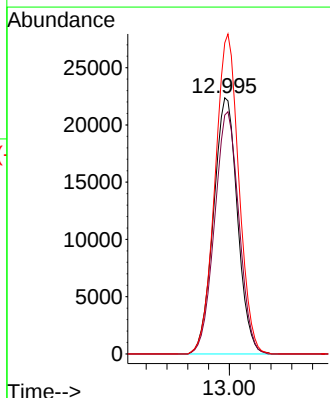
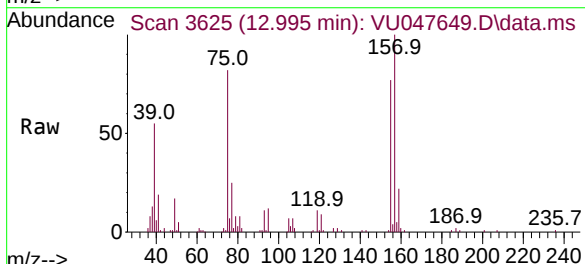
Instrument :
MSVOA_U
ClientSampleId :

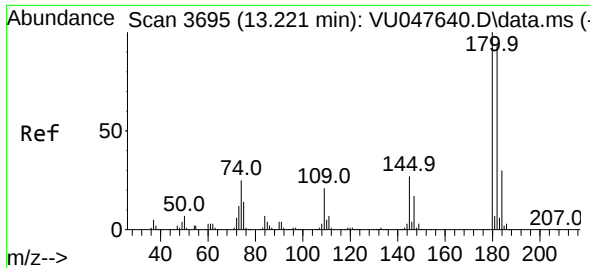
Tgt Ion:146 Resp: 169562
Ion Ratio Lower Upper
146 100
111 39.7 31.7 47.5
148 65.1 51.4 77.2



#68
1,2-Dibromo-3-chloropropane
Concen: 76.123 ug/L
RT: 12.995 min Scan# 3625
Delta R.T. -0.000 min
Lab File: VU047649.D
Acq: 24 Mar 2022 21:53

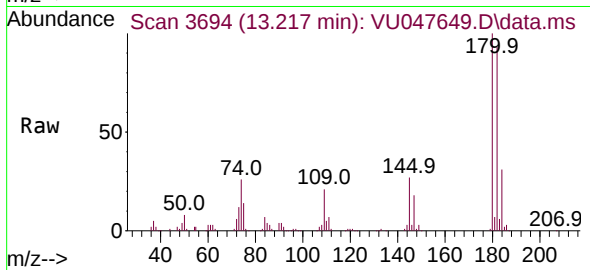
Tgt Ion: 75 Resp: 35854
Ion Ratio Lower Upper
75 100
155 93.2 78.9 118.3
157 121.4 97.5 146.3



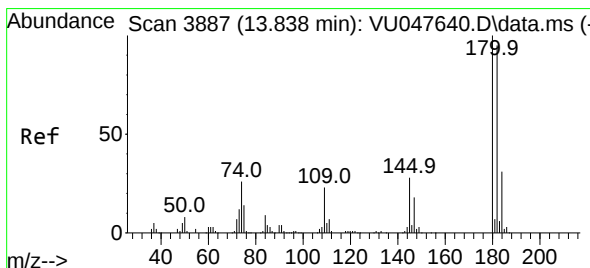
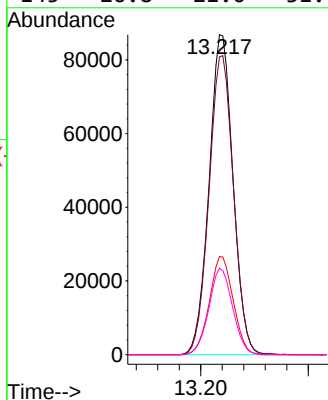
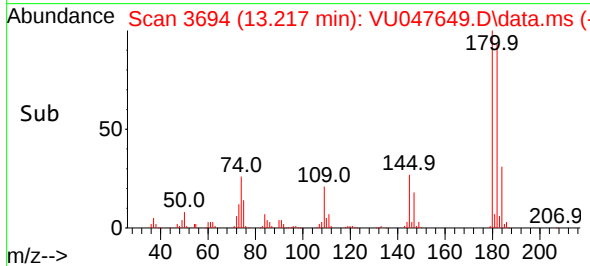


#69
 1,3,5-Trichlorobenzene
 Concen: 70.509 ug/L
 RT: 13.217 min Scan# 3694
 Delta R.T. -0.003 min
 Lab File: VU047649.D
 Acq: 24 Mar 2022 21:53

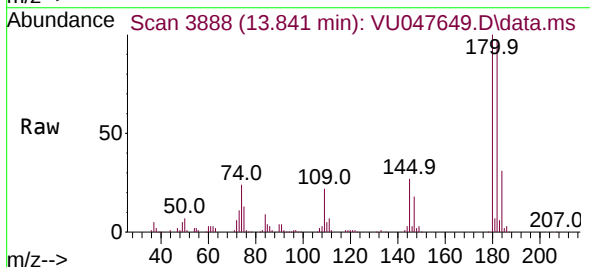
Instrument :
 MSVOA_U
 ClientSampleId :



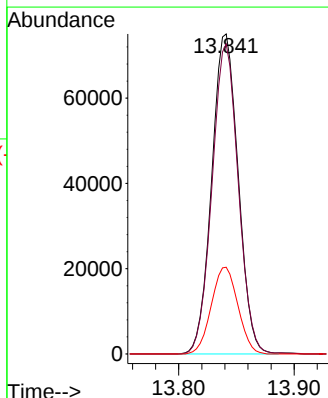
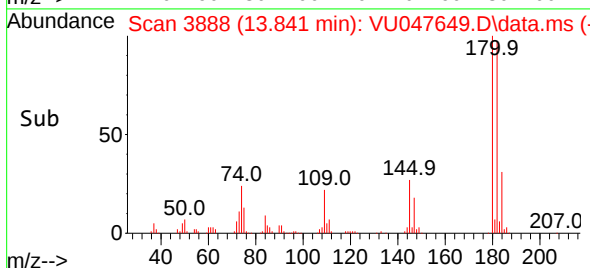
Tgt Ion:180 Resp: 134170
 Ion Ratio Lower Upper
 180 100
 182 95.3 77.0 115.6
 184 30.5 24.5 36.7
 145 26.8 21.0 31.6

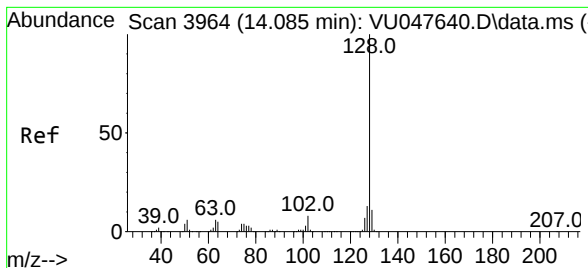


#70
 1,2,4-trichlorobenzene
 Concen: 71.654 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.003 min
 Lab File: VU047649.D
 Acq: 24 Mar 2022 21:53



Tgt Ion:180 Resp: 119427
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.2 114.2
 145 27.2 21.8 32.8





#71

Naphthalene

Concen: 73.193 ug/L

RT: 14.085 min Scan# 3964

Delta R.T. 0.000 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

Instrument :

MSVOA_U

ClientSampleId :

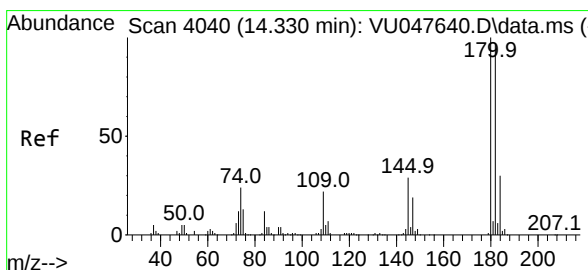
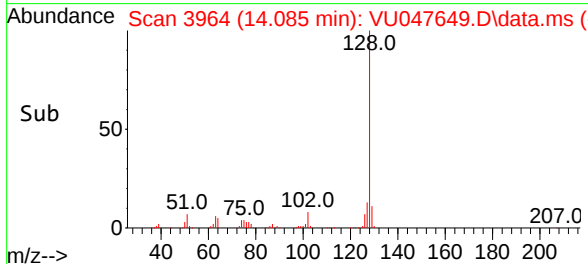
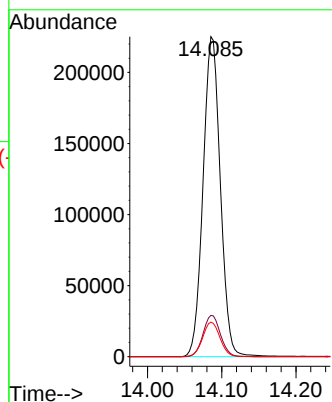
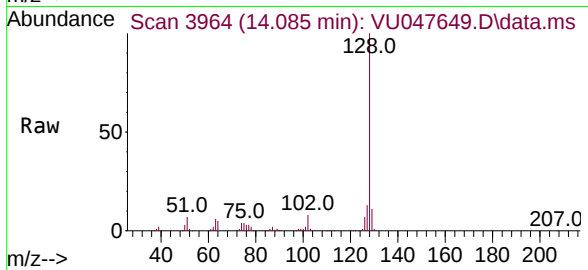
Tgt Ion:128 Resp: 363706

Ion Ratio Lower Upper

128 100

127 13.0 10.2 15.2

129 10.8 8.8 13.2



#72

1,2,3-Trichlorobenzene

Concen: 72.301 ug/L

RT: 14.330 min Scan# 4040

Delta R.T. 0.000 min

Lab File: VU047649.D

Acq: 24 Mar 2022 21:53

Tgt Ion:180 Resp: 120804

Ion Ratio Lower Upper

180 100

182 97.7 77.4 116.0

145 28.6 22.8 34.2

