

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022222\
 Data File : VU047231.D
 Acq On : 22 Feb 2022 13:44
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 23 03:39:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 18 00:54:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	372368	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	361412	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	211895	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	117188	34.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	69.300%
7) Chloroethane-d5	1.919	69	111962	44.660	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	89.320%
11) 1,1-Dichloroethene-d2	2.575	63	223504	39.881	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.760%
21) 2-Butanone-d5	4.629	46	296968	113.225	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	113.220%
24) Chloroform-d	5.070	84	256426	46.706	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.420%
26) 1,2-Dichloroethane-d4	5.707	65	163542	46.410	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.820%
32) Benzene-d6	5.732	84	496456	41.318	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.640%
36) 1,2-Dichloropropane-d6	6.694	67	164769	42.286	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	84.580%
41) Toluene-d8	7.899	98	466167	40.748	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.500%
43) trans-1,3-Dichloroprop...	8.179	79	84317	41.292	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.580%
47) 2-Hexanone-d5	8.632	63	239611	107.338	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.340%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	277494	48.841	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.680%
66) 1,2-Dichlorobenzene-d4	12.195	152	210718	41.930	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.860%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	168150	48.465	ug/L	99
3) Chloromethane	1.530	50	155040	45.158	ug/L	99
5) Vinyl chloride	1.607	62	166043	47.991	ug/L	100
6) Bromomethane	1.864	94	109436	54.376	ug/L	97
8) Chloroethane	1.938	64	107485	53.887	ug/L	96
9) Trichlorofluoromethane	2.144	101	218687	54.582	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	129310	52.396	ug/L	95
12) 1,1-Dichloroethene	2.588	96	118040	48.748	ug/L	93
13) Acetone	2.646	43	237248	124.172	ug/L	97
14) Carbon disulfide	2.800	76	354445	46.639	ug/L	99
15) Methyl Acetate	2.954	43	169406	52.688	ug/L	97
16) Methylene chloride	3.051	84	137662	51.376	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	129968	51.088	ug/L	96
18) Methyl tert-butyl Ether	3.366	73	405922	47.183	ug/L	97
19) 1,1-Dichloroethane	3.877	63	236786	49.560	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	147852	52.542	ug/L	99
22) 2-Butanone	4.710	43	298954	116.615	ug/L	97
23) Bromochloromethane	4.980	128	77017	51.609	ug/L	96
25) Chloroform	5.092	83	245454	52.445	ug/L	100

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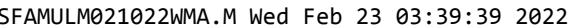
Instrument :
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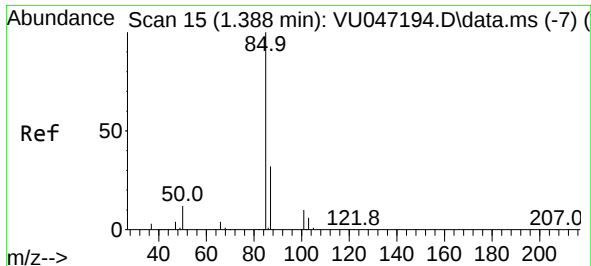
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 Quant Title : VOC Analysis
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.797	62	193755	52.102	ug/L	99
29) Cyclohexane	5.395	56	218162	46.058	ug/L	97
30) 1,1,1-Trichloroethane	5.321	97	214736	49.605	ug/L	99
31) Carbon tetrachloride	5.530	117	186361	49.653	ug/L	99
33) Benzene	5.777	78	550150	48.805	ug/L	100
34) Trichloroethene	6.546	95	144227	49.256	ug/L	98
35) Methylcyclohexane	6.764	83	237501	48.340	ug/L	97
37) 1,2-Dichloropropane	6.793	63	143025	47.368	ug/L	98
38) Bromodichloromethane	7.108	83	190193	49.420	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	237089	48.312	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	477206	99.801	ug/L	96
42) Toluene	7.970	91	605591	48.912	ug/L	99
44) trans-1,3-Dichloropropene	8.211	75	228207	48.398	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	143023	50.291	ug/L	97
46) Tetrachloroethene	8.555	164	119514	50.738	ug/L	96
48) 2-Hexanone	8.684	43	404943	102.406	ug/L	97
49) Dibromochloromethane	8.813	129	156811	47.659	ug/L	97
50) 1,2-Dibromoethane	8.925	107	160874	50.925	ug/L	100
51) Chlorobenzene	9.449	112	387813	48.850	ug/L	99
52) Ethylbenzene	9.571	91	651971	48.114	ug/L	99
53) m,p-Xylene	9.694	106	256904	47.785	ug/L	96
54) o-xylene	10.102	106	248951	47.030	ug/L	99
55) Styrene	10.115	104	432655	47.501	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.783	83	260126	51.884	ug/L	99
59) Bromoform	10.292	173	124343	43.224	ug/L	96
60) 1,2,3-Trichloropropane	10.825	75	210365	46.572	ug/L	96
61) Isopropylbenzene	10.484	105	658457	44.205	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	469862	44.508	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	580183	45.266	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	322282	46.369	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	326805	46.775	ug/L	97
67) 1,2-Dichlorobenzene	12.214	146	320958	46.403	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.996	75	73055	50.764	ug/L	85
69) 1,3,5-Trichlorobenzene	13.221	180	273736	50.927	ug/L	98
70) 1,2,4-trichlorobenzene	13.841	180	258580	50.750	ug/L	99
71) Naphthalene	14.086	128	879183	48.740	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	254847	50.233	ug/L	98

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

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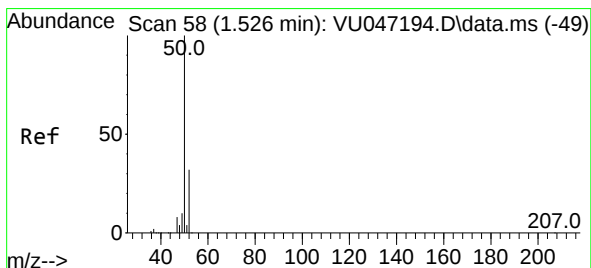
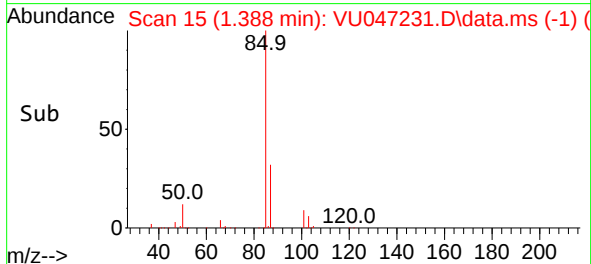
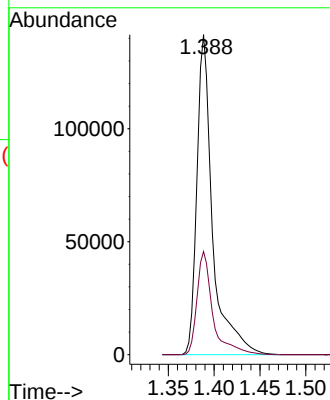
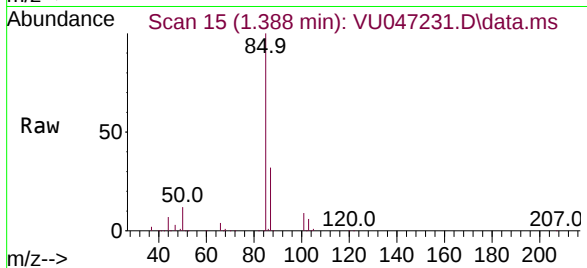




#2
Dichlorodifluoromethane
Concen: 48.465 ug/L
RT: 1.388 min Scan# 15
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

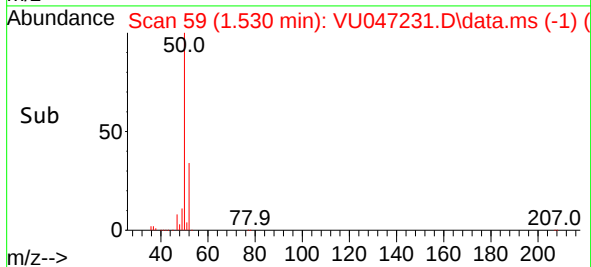
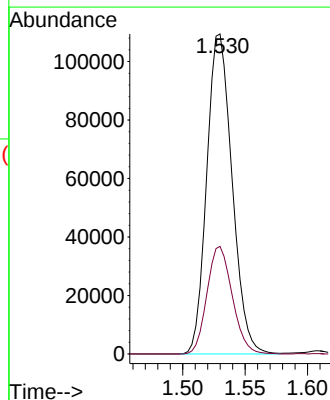
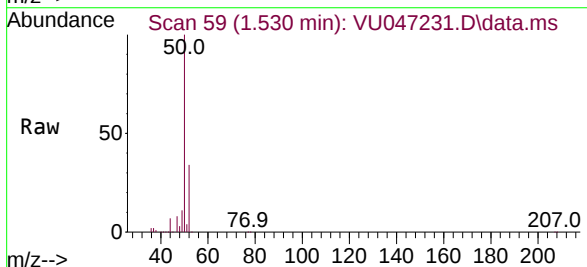
Instrument :
MSVOA_U
ClientSampleId :

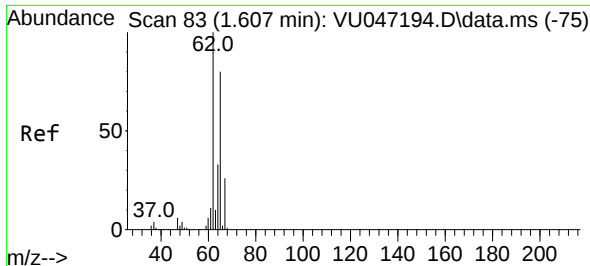
Tgt Ion: 85 Resp: 168150
Ion Ratio Lower Upper
85 100
87 32.6 25.6 38.4



#3
Chloromethane
Concen: 45.158 ug/L
RT: 1.530 min Scan# 59
Delta R.T. 0.003 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

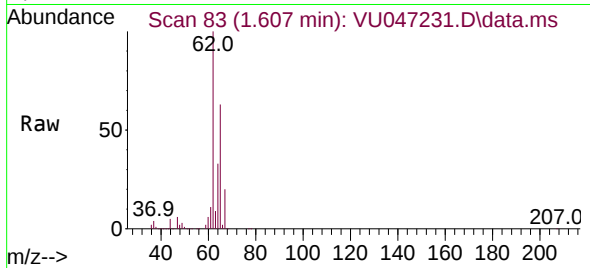
Tgt Ion: 50 Resp: 155040
Ion Ratio Lower Upper
50 100
52 33.6 23.2 43.2





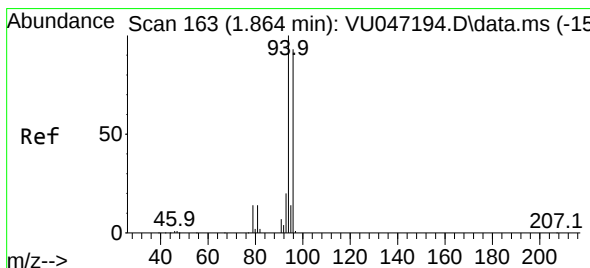
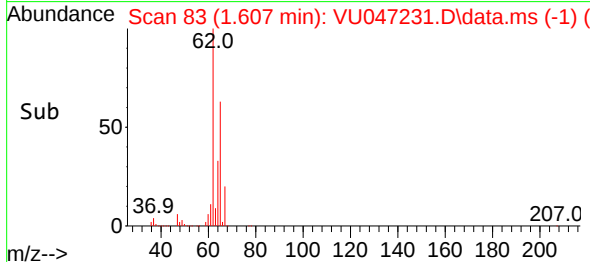
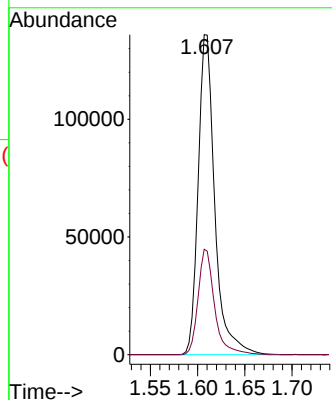
#5
 Vinyl chloride
 Concen: 47.991 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: VU047231.D
 Acq: 22 Feb 2022 13:44

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion: 62 Resp: 166043

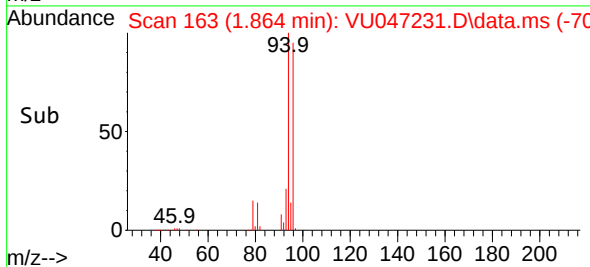
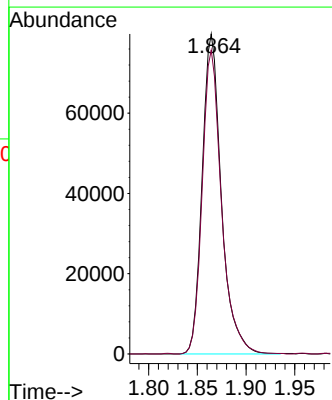
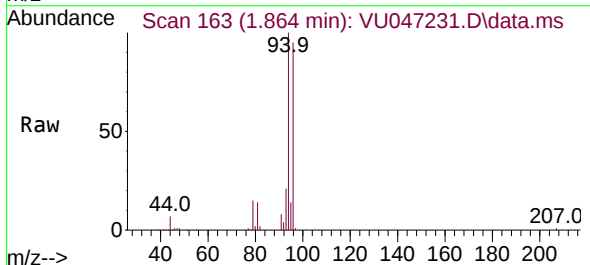
Ion	Ratio	Lower	Upper
62	100		
64	33.0	23.1	42.9

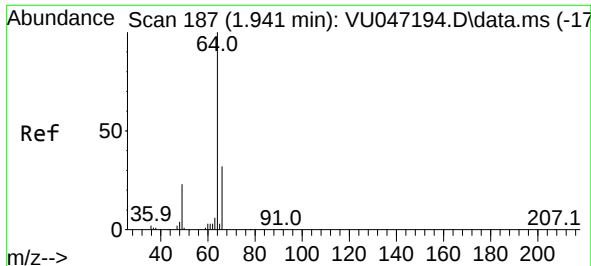


#6
 Bromomethane
 Concen: 54.376 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. 0.000 min
 Lab File: VU047231.D
 Acq: 22 Feb 2022 13:44

Tgt Ion: 94 Resp: 109436

Ion	Ratio	Lower	Upper
94	100		
96	94.9	64.4	119.6

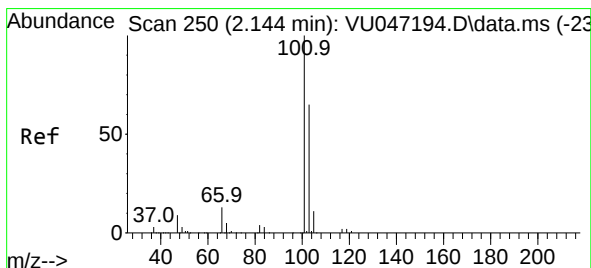
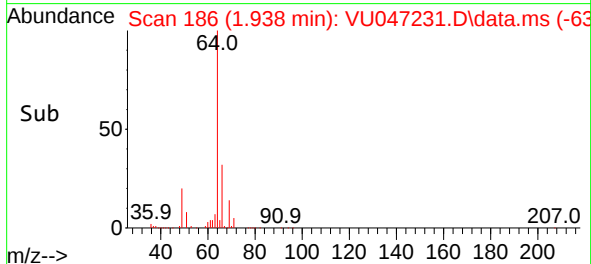
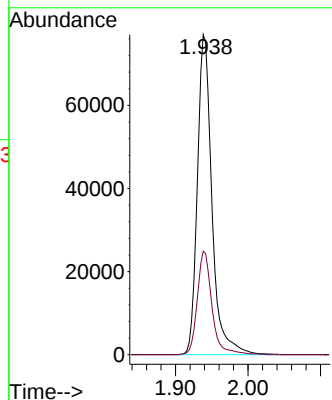
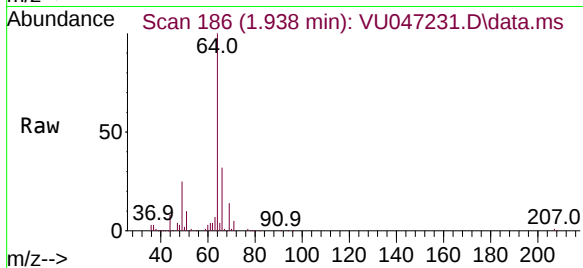




#8
Chloroethane
Concen: 53.887 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

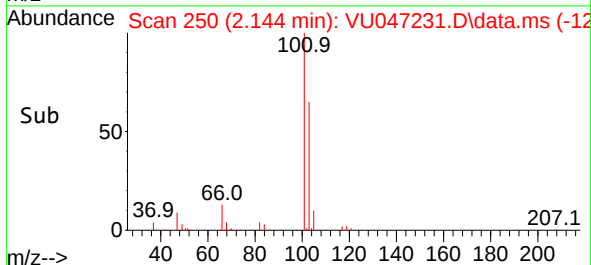
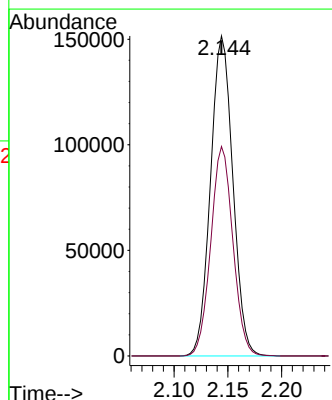
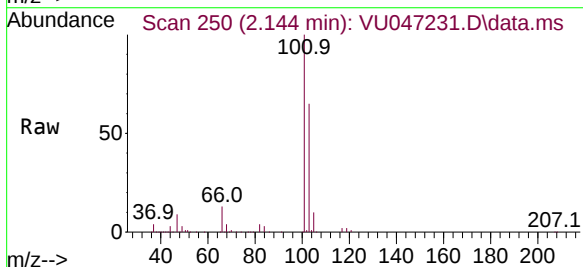
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MSVOA_U
ClientSampleId :

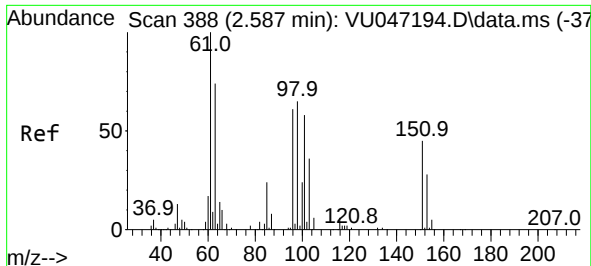
Tgt Ion: 64 Resp: 107485
Ion Ratio Lower Upper
64 100
66 32.4 24.4 45.2



#9
Trichlorofluoromethane
Concen: 54.582 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion:101 Resp: 218687
Ion Ratio Lower Upper
101 100
103 64.8 52.0 78.0

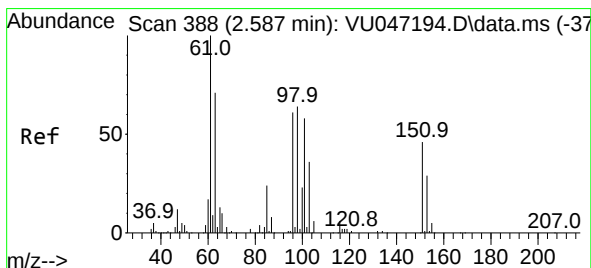
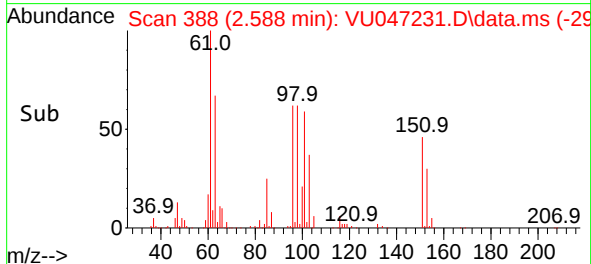
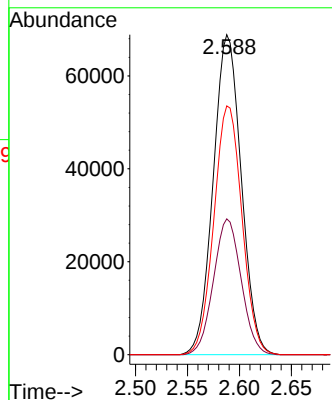
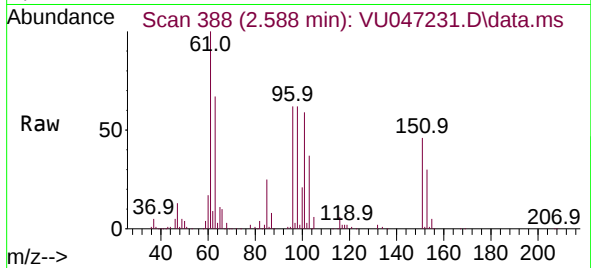




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 52.396 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047231.D
 Acq: 22 Feb 2022 13:44

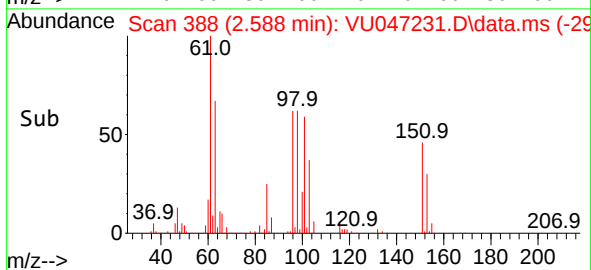
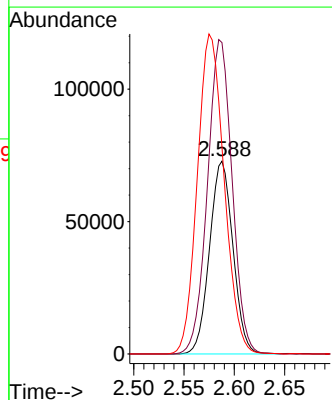
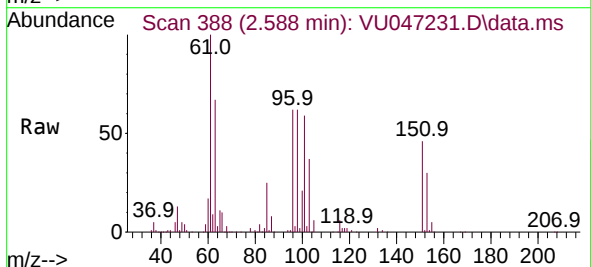
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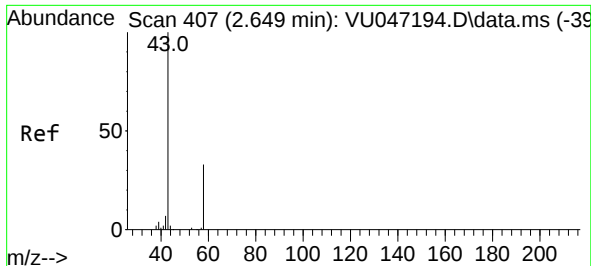
Tgt Ion:101 Resp: 129310
 Ion Ratio Lower Upper
 101 100
 85 41.9 34.9 52.3
 151 78.0 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 48.748 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. 0.000 min
 Lab File: VU047231.D
 Acq: 22 Feb 2022 13:44

Tgt Ion: 96 Resp: 118040
 Ion Ratio Lower Upper
 96 100
 61 161.5 114.9 213.3
 63 107.5 86.0 159.8





#13

Acetone

Concen: 124.172 ug/L

RT: 2.646 min Scan# 407

Delta R.T. -0.003 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

Instrument :

MSVOA_U

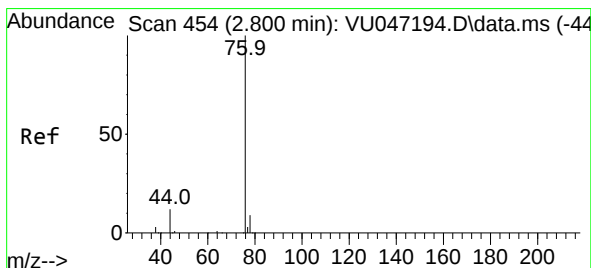
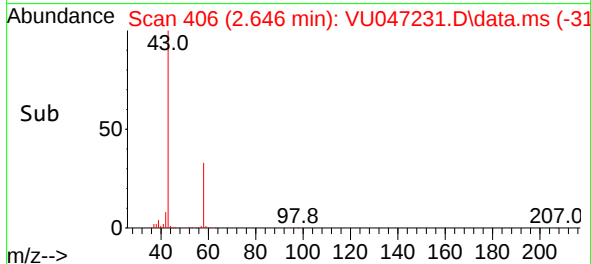
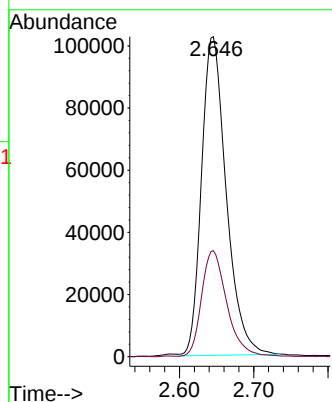
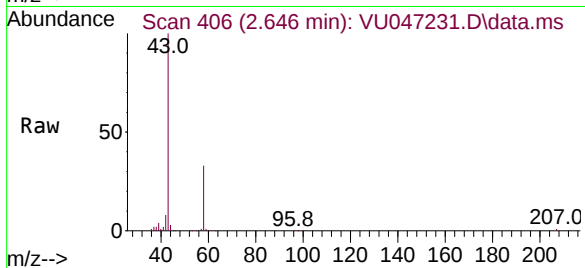
ClientSampleId :

Tgt Ion: 43 Resp: 237248

Ion Ratio Lower Upper

43 100

58 33.7 0.0 71.0



#14

Carbon disulfide

Concen: 46.639 ug/L

RT: 2.800 min Scan# 454

Delta R.T. 0.000 min

Lab File: VU047231.D

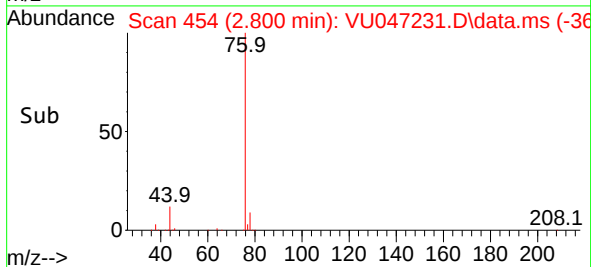
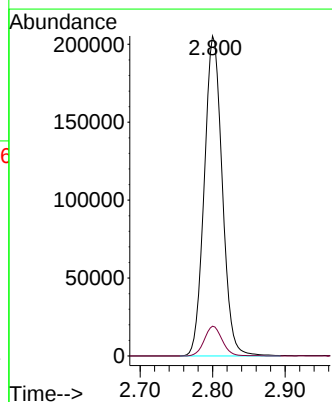
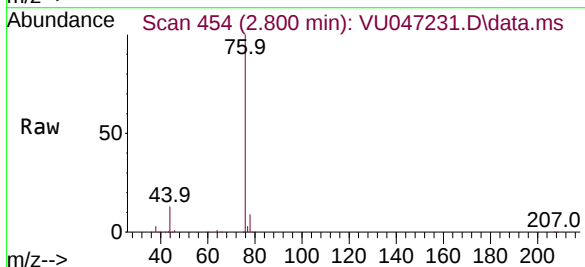
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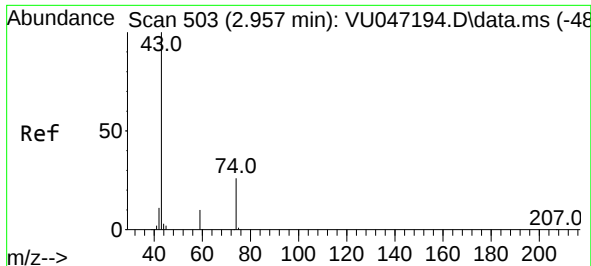
Tgt Ion: 76 Resp: 354445

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

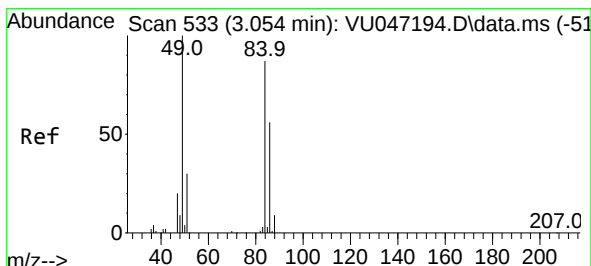
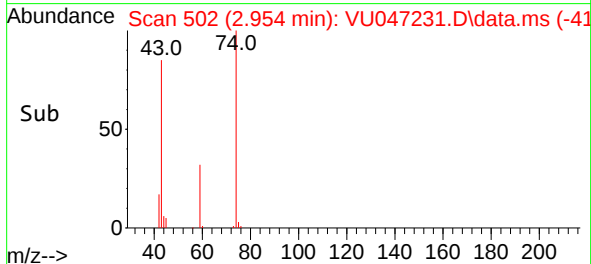
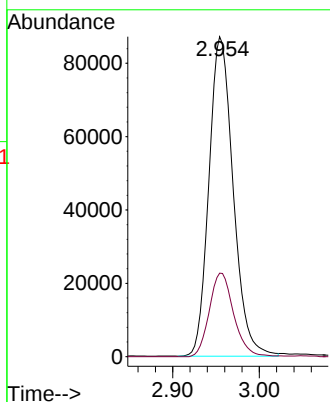
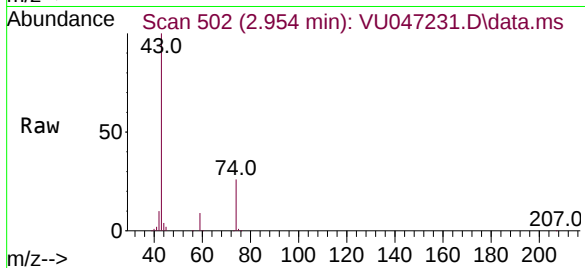




#15
Methyl Acetate
Concen: 52.688 ug/L
RT: 2.954 min Scan# 503
Delta R.T. -0.003 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

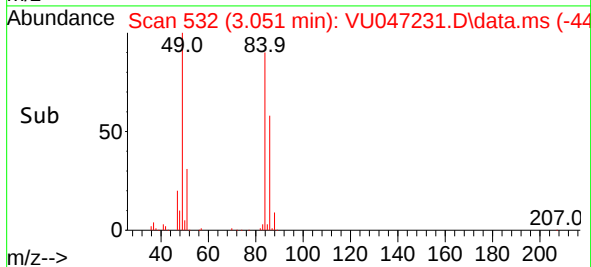
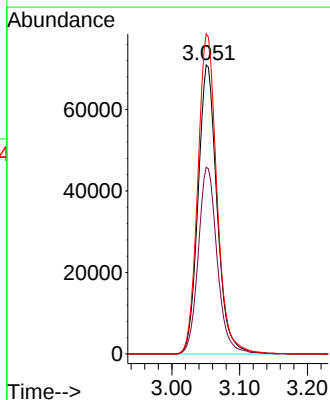
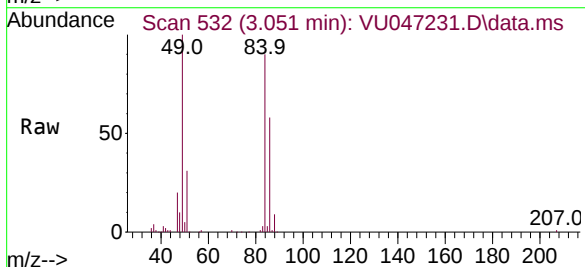
Instrument :
MSVOA_U
ClientSampleId :

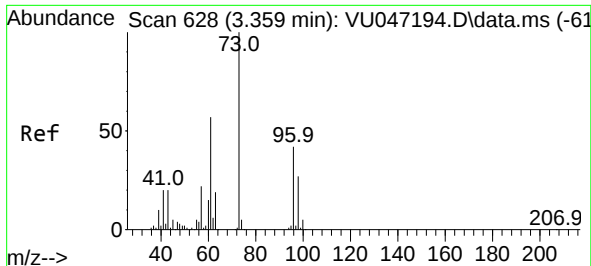
Tgt Ion: 43 Resp: 169406
Ion Ratio Lower Upper
43 100
74 26.3 22.3 33.5



#16
Methylene chloride
Concen: 51.376 ug/L
RT: 3.051 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion: 84 Resp: 137662
Ion Ratio Lower Upper
84 100
86 64.5 44.7 82.9
49 110.7 75.9 141.1

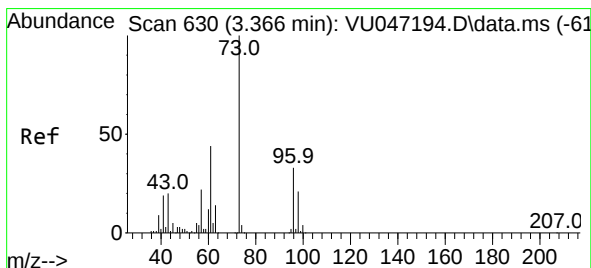
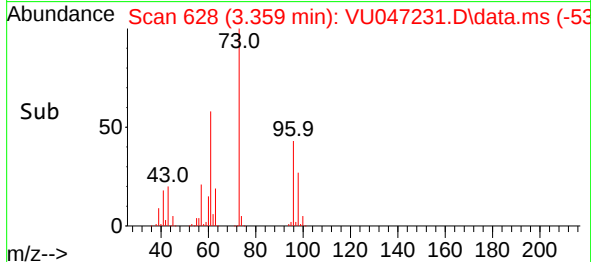
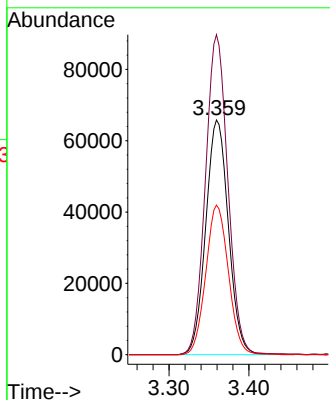
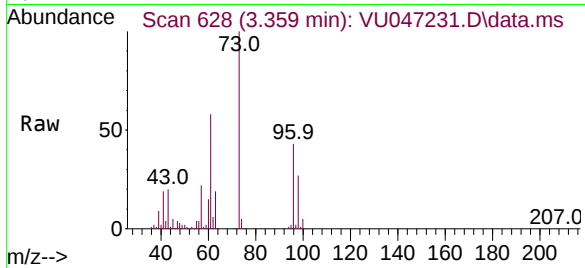




#17
trans-1,2-Dichloroethene
Concen: 51.088 ug/L
RT: 3.359 min Scan# 61
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

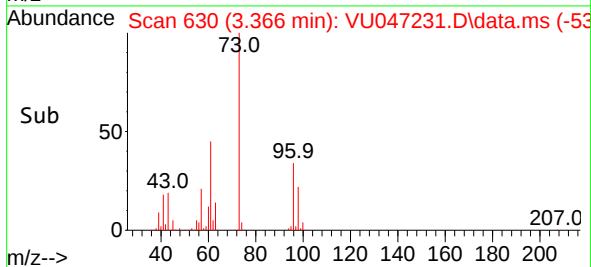
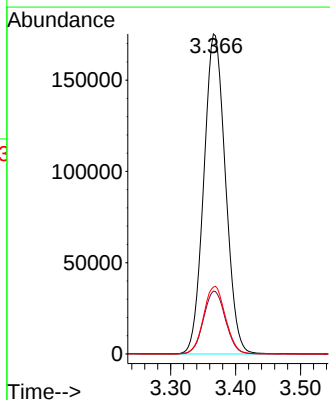
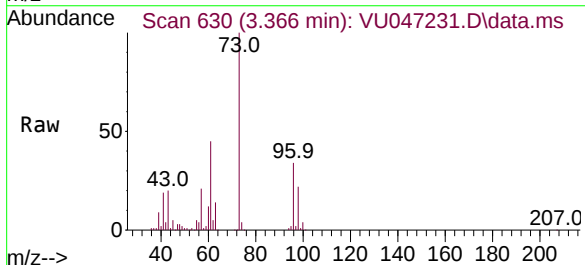
Instrument :
MSVOA_U
ClientSampleId :

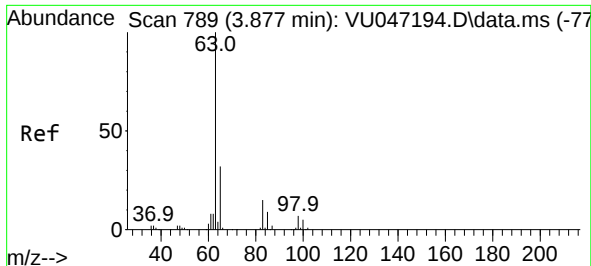
Tgt Ion: 96 Resp: 129968
Ion Ratio Lower Upper
96 100
61 136.4 92.5 171.9
98 63.7 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 47.183 ug/L
RT: 3.366 min Scan# 630
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion: 73 Resp: 405922
Ion Ratio Lower Upper
73 100
43 19.7 14.1 21.1
57 21.4 16.4 24.6





#19

1,1-Dichloroethane

Concen: 49.560 ug/L

RT: 3.877 min Scan# 789

Delta R.T. 0.000 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

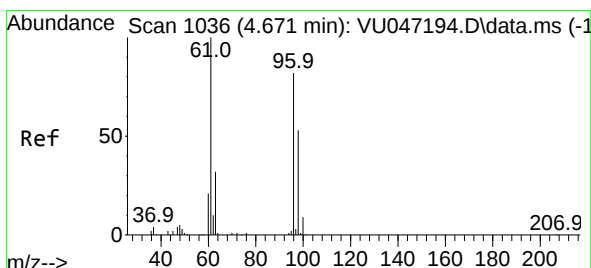
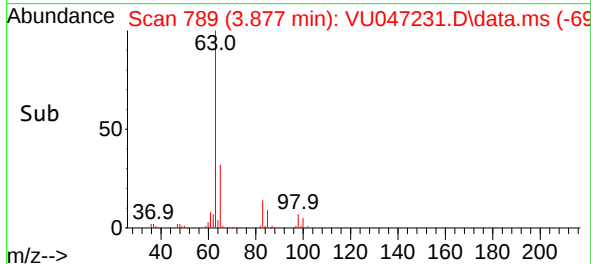
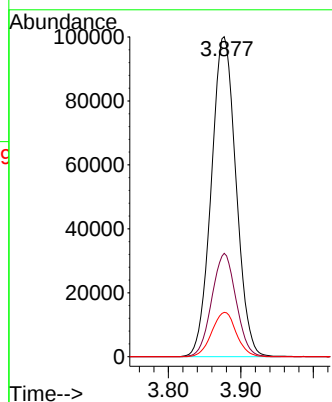
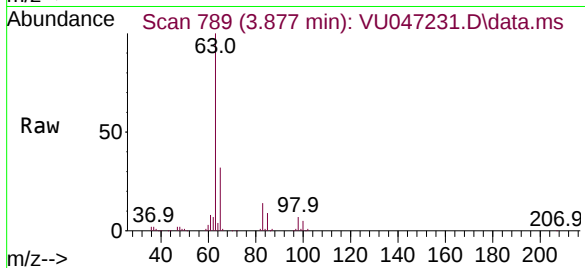
Tgt Ion: 63 Resp: 236786

Ion Ratio Lower Upper

63 100

65 32.3 22.8 42.4

83 13.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 52.542 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

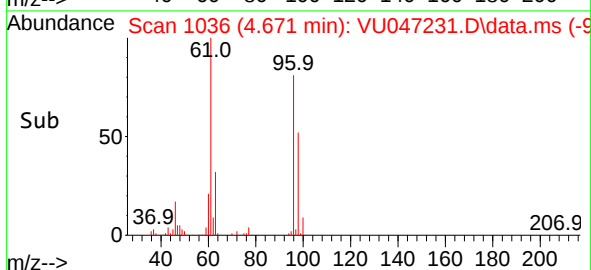
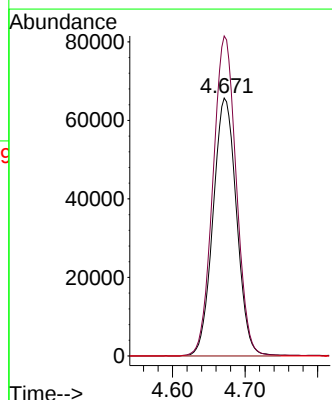
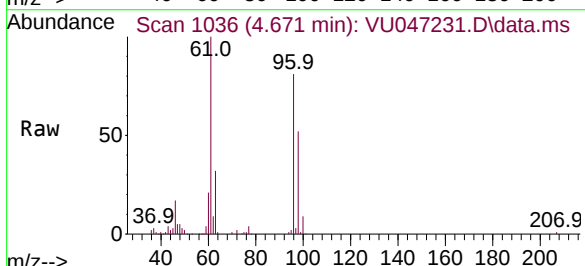
Tgt Ion: 96 Resp: 147852

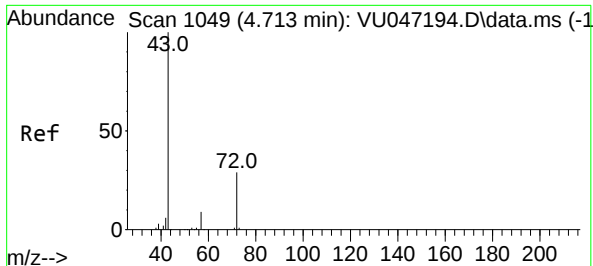
Ion Ratio Lower Upper

96 100

61 124.0 86.0 159.6

68 0.0 0.0 0.0

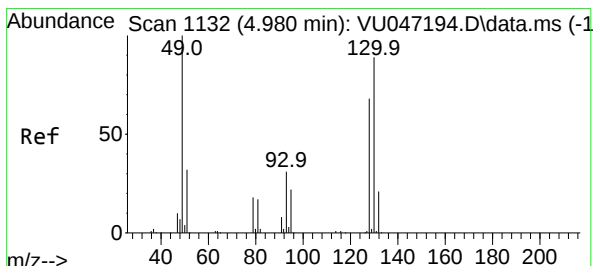
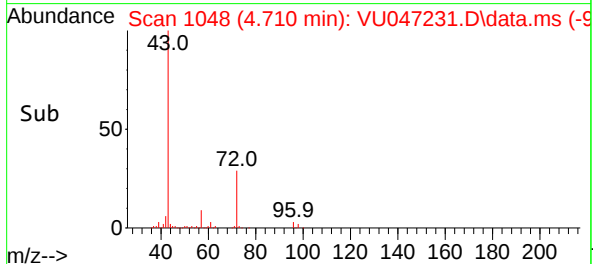
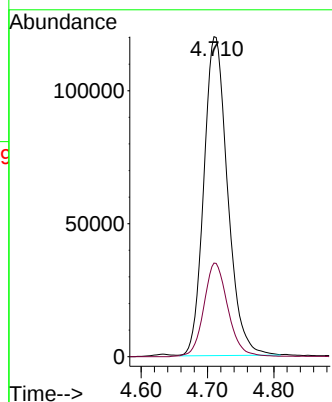
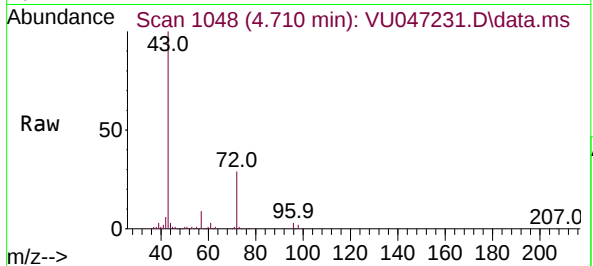




#22
2-Butanone
Concen: 116.615 ug/L
RT: 4.710 min Scan# 1048
Delta R.T. -0.003 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

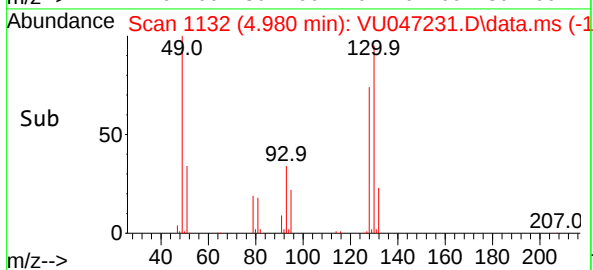
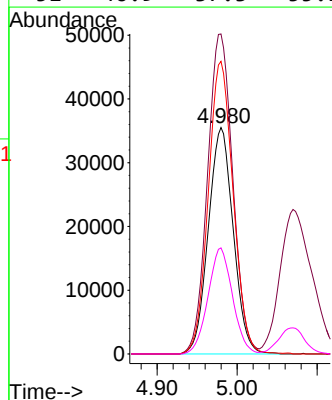
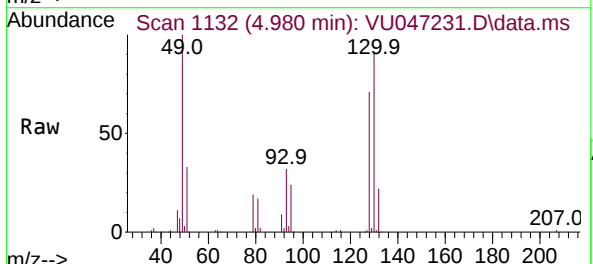
Instrument :
MSVOA_U
ClientSampleId :

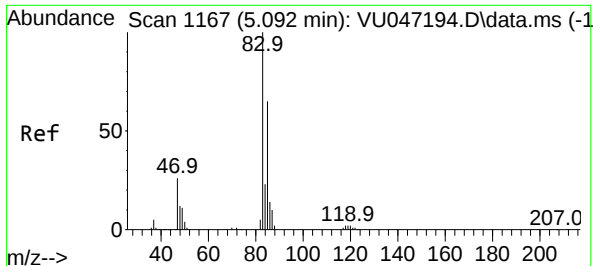
Tgt Ion: 43 Resp: 298954
Ion Ratio Lower Upper
43 100
72 29.8 15.6 46.8



#23
Bromochloromethane
Concen: 51.609 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion:128 Resp: 77017
Ion Ratio Lower Upper
128 100
49 141.4 105.4 195.8
130 129.3 88.7 164.7
51 46.9 37.3 55.9





#25

Chloroform

Concen: 52.445 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

Instrument :

MSVOA_U

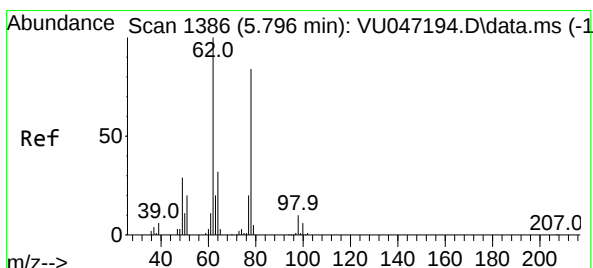
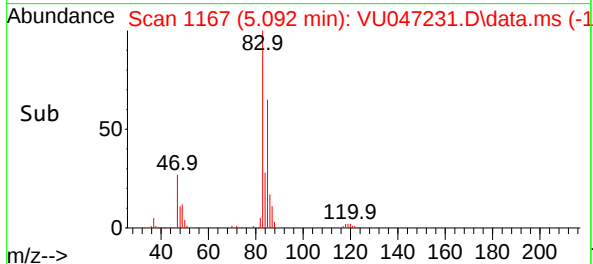
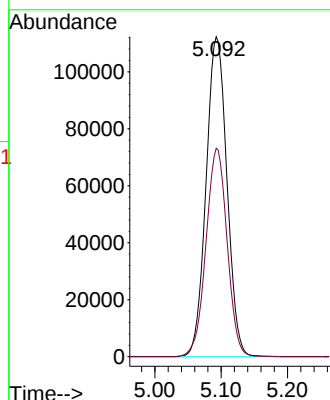
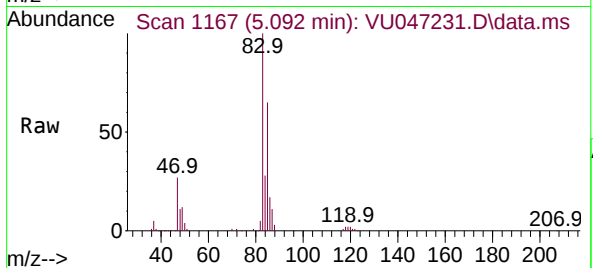
ClientSampleId :

Tgt Ion: 83 Resp: 245454

Ion Ratio Lower Upper

83 100

85 65.2 45.7 84.9



#27

1,2-Dichloroethane

Concen: 52.102 ug/L

RT: 5.797 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VU047231.D

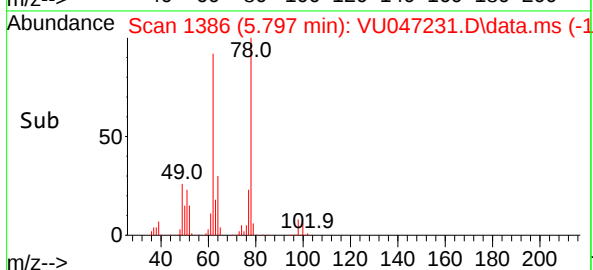
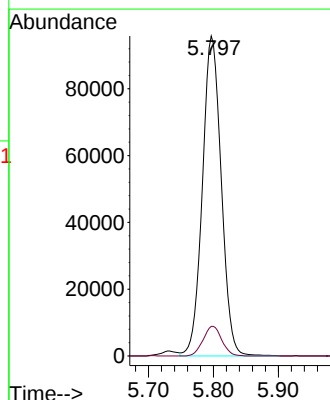
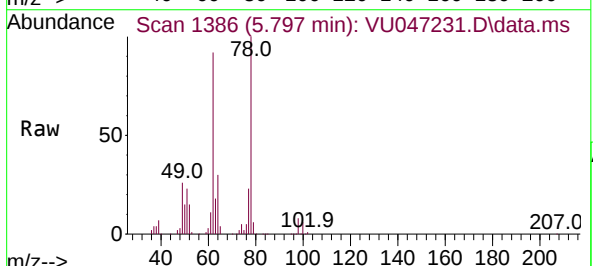
Acq: 22 Feb 2022 13:44

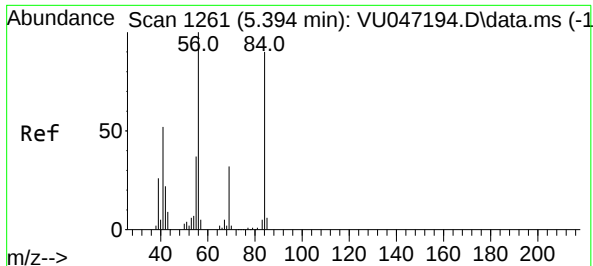
Tgt Ion: 62 Resp: 193755

Ion Ratio Lower Upper

62 100

98 9.2 7.7 11.5





#29

Cyclohexane

Concen: 46.058 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

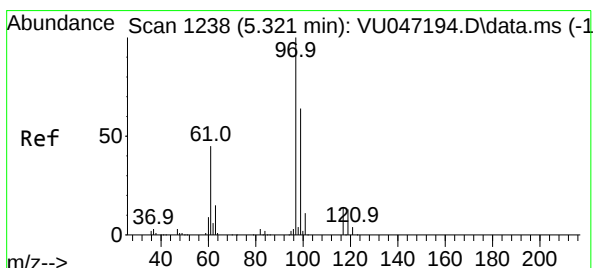
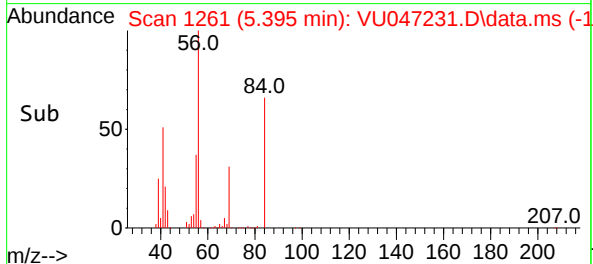
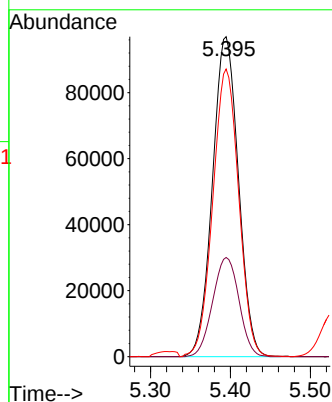
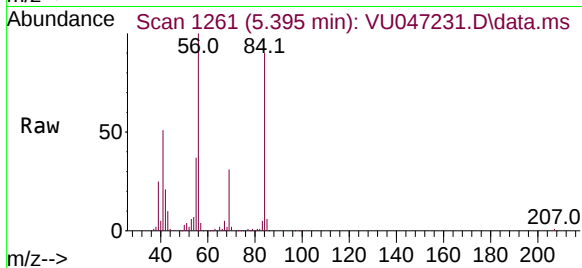
Tgt Ion: 56 Resp: 218162

Ion Ratio Lower Upper

56 100

69 31.5 25.8 38.6

84 89.8 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 49.605 ug/L

RT: 5.321 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

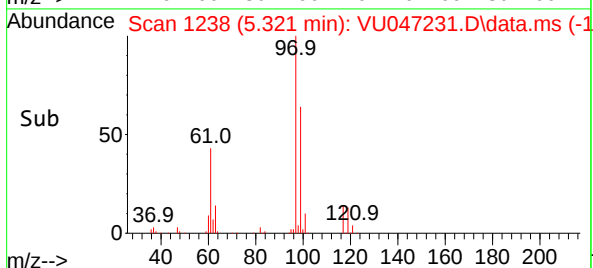
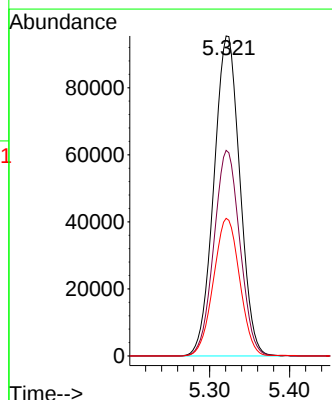
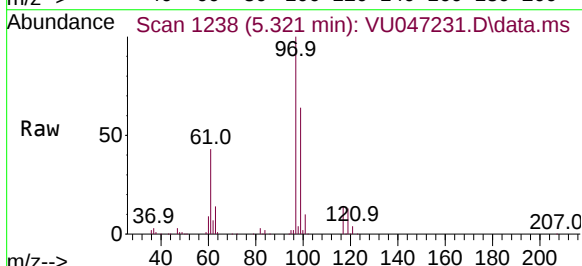
Tgt Ion: 97 Resp: 214736

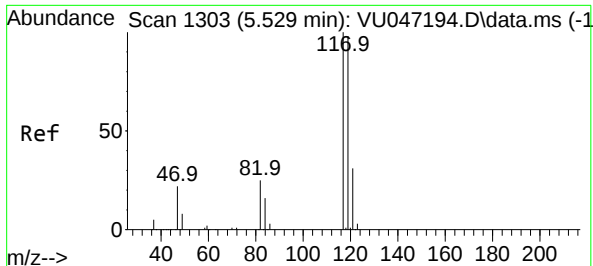
Ion Ratio Lower Upper

97 100

99 64.4 51.1 76.7

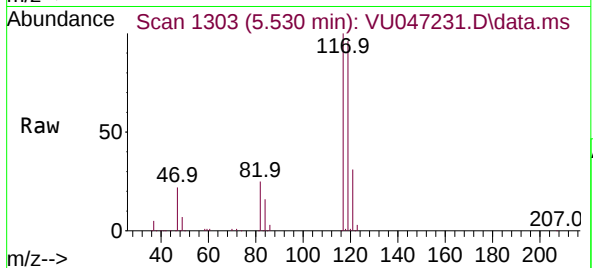
61 43.5 34.1 51.1



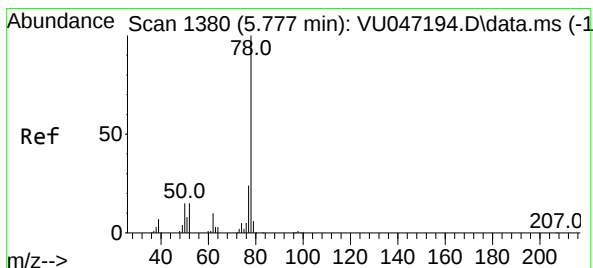
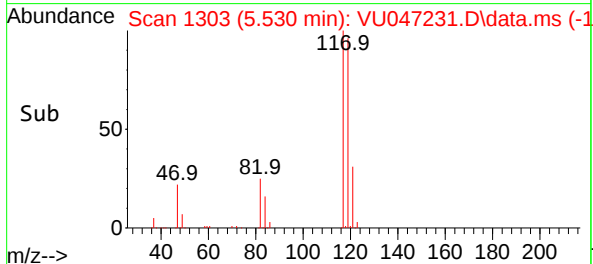
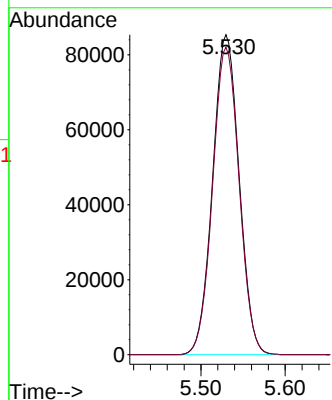


#31
Carbon tetrachloride
Concen: 49.653 ug/L
RT: 5.530 min Scan# 111
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Instrument :
MSVOA_U
ClientSampleId :

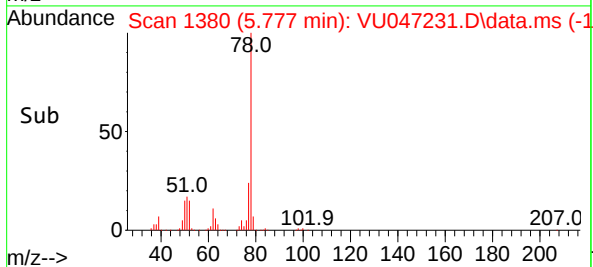
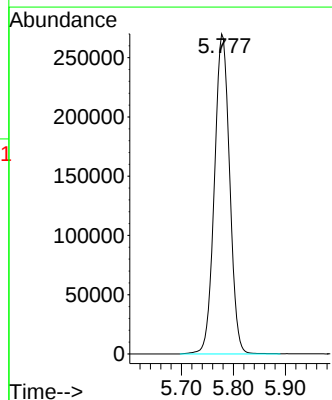
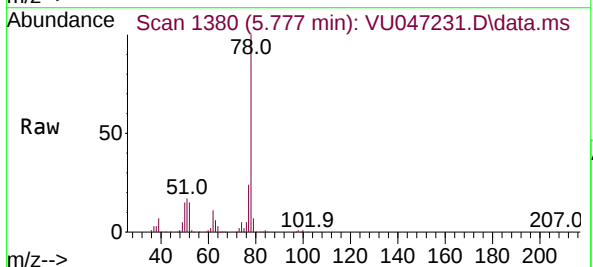


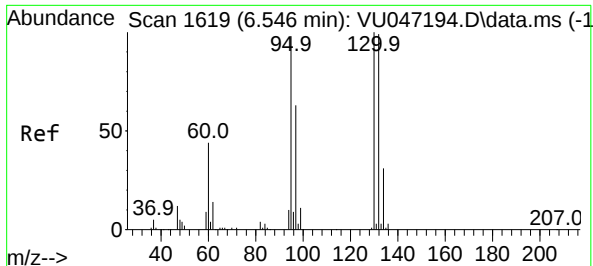
Tgt Ion:117 Resp: 186361
Ion Ratio Lower Upper
117 100
119 96.1 77.5 116.3



#33
Benzene
Concen: 48.805 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion: 78 Resp: 550150





#34

Trichloroethene

Concen: 49.256 ug/L

RT: 6.546 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

Tgt Ion: 95 Resp: 144227

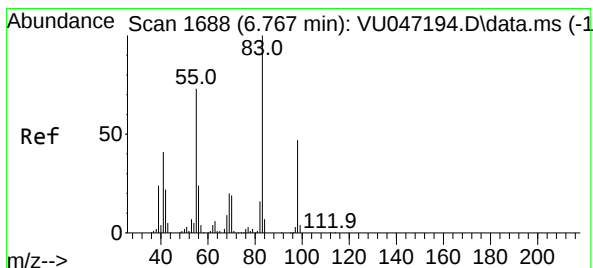
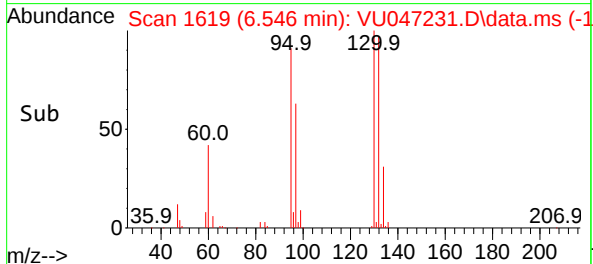
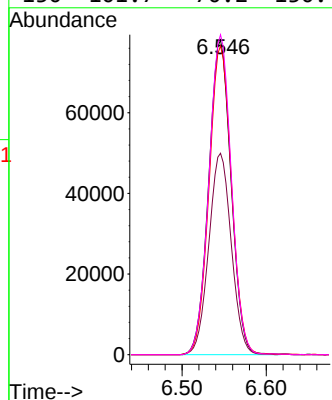
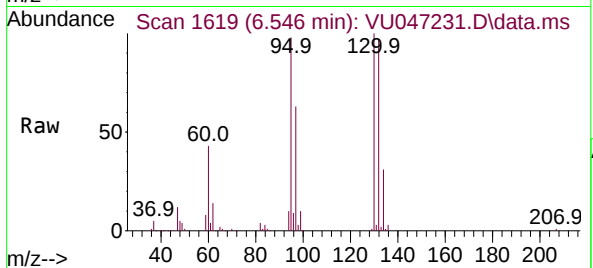
Ion Ratio Lower Upper

95 100

97 64.0 45.1 83.7

132 98.1 66.7 123.9

130 101.7 70.2 130.4



#35

Methylcyclohexane

Concen: 48.340 ug/L

RT: 6.764 min Scan# 1687

Delta R.T. -0.003 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

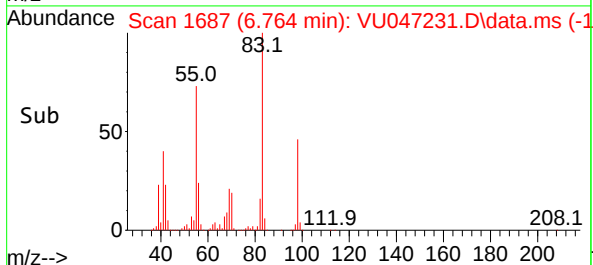
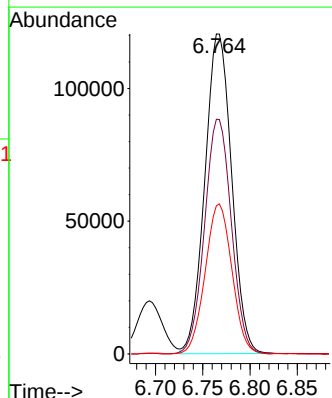
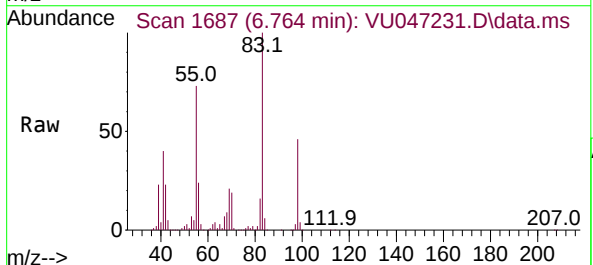
Tgt Ion: 83 Resp: 237501

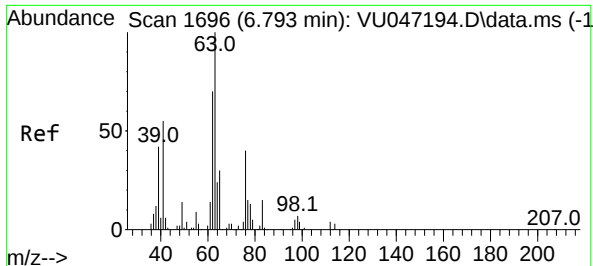
Ion Ratio Lower Upper

83 100

55 73.7 56.6 85.0

98 46.9 38.4 57.6





#37

1,2-Dichloropropane

Concen: 47.368 ug/L

RT: 6.793 min Scan# 1

Delta R.T. 0.000 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

Instrument :

MSVOA_U

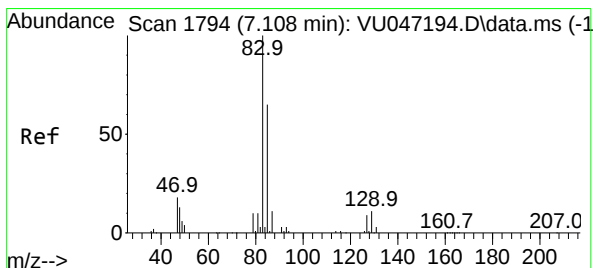
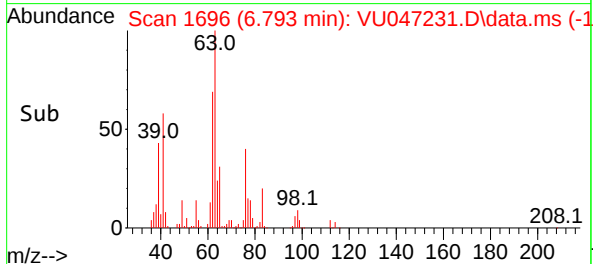
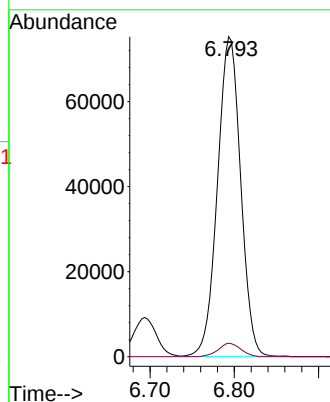
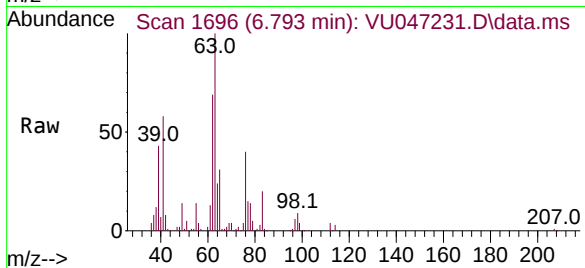
ClientSampleId :

Tgt Ion: 63 Resp: 143025

Ion Ratio Lower Upper

63 100

112 4.1 3.7 5.5



#38

Bromodichloromethane

Concen: 49.420 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

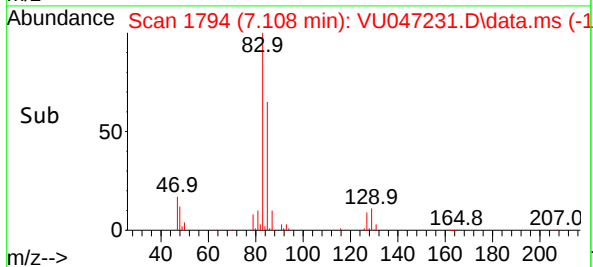
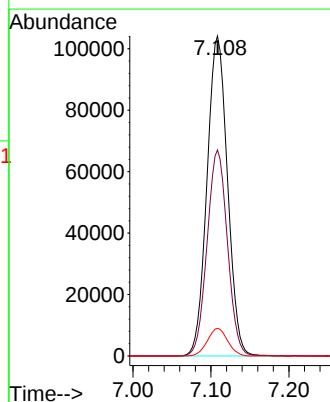
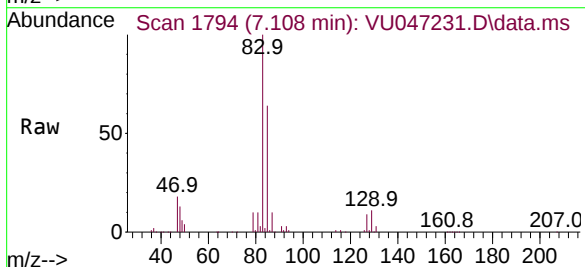
Tgt Ion: 83 Resp: 190193

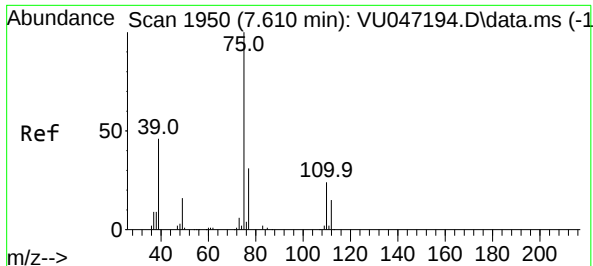
Ion Ratio Lower Upper

83 100

85 64.4 45.0 83.6

127 8.7 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 48.312 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

Instrument :

MSVOA_U

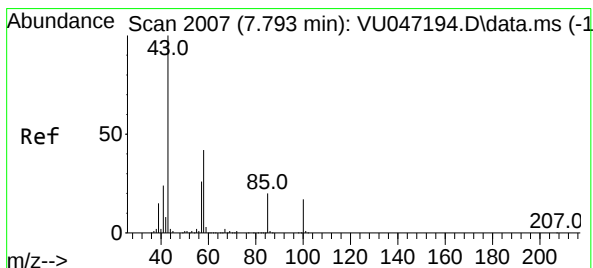
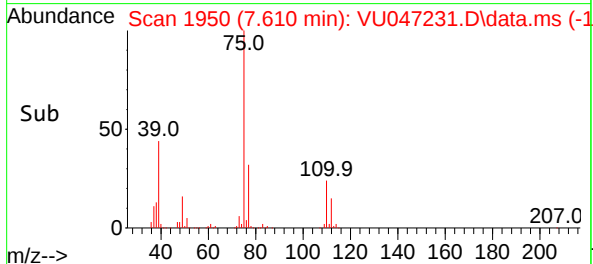
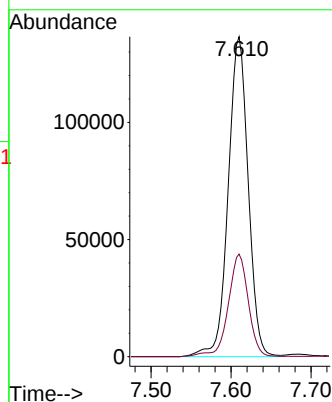
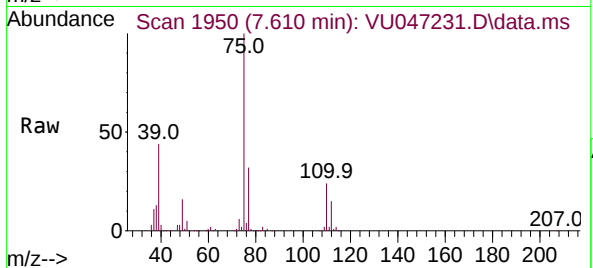
ClientSampleId :

Tgt Ion: 75 Resp: 237089

Ion Ratio Lower Upper

75 100

77 32.0 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 99.801 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. 0.000 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

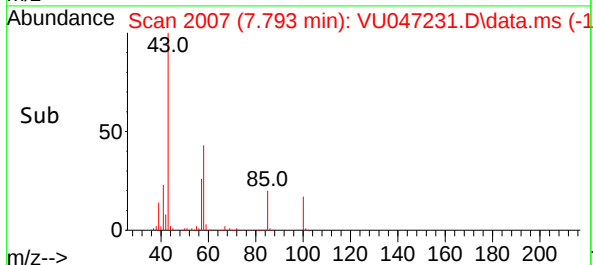
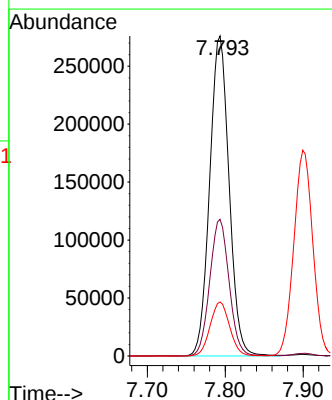
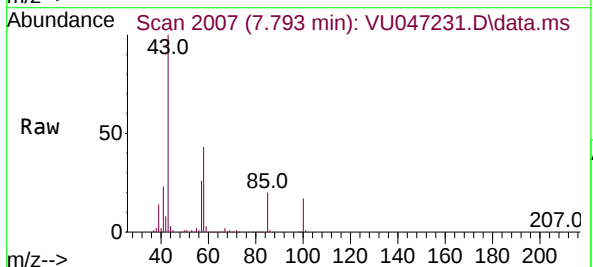
Tgt Ion: 43 Resp: 477206

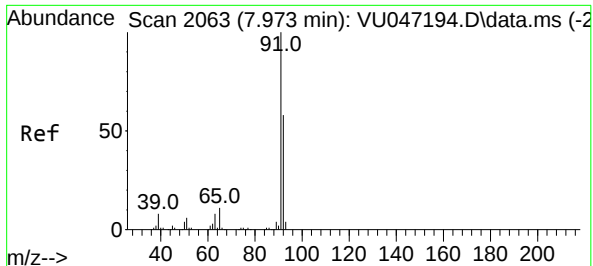
Ion Ratio Lower Upper

43 100

58 42.6 35.8 53.8

100 17.0 15.7 23.5





#42

Toluene

Concen: 48.912 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

Instrument :

MSVOA_U

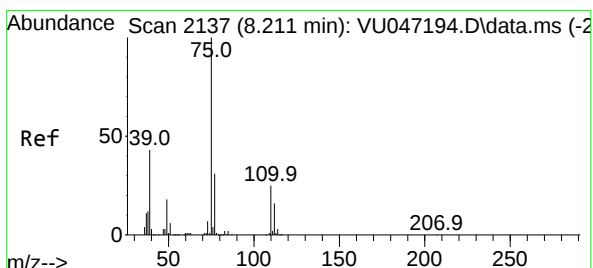
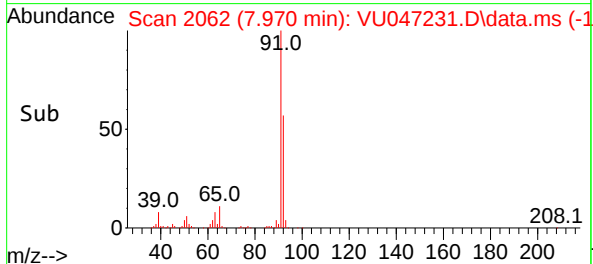
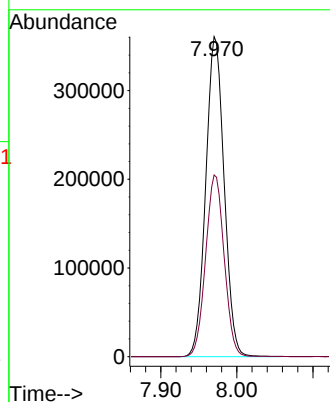
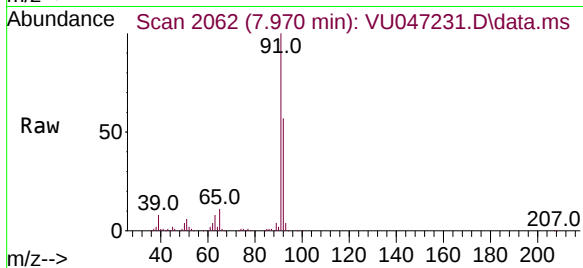
ClientSampleId :

Tgt Ion: 91 Resp: 605591

Ion Ratio Lower Upper

91 100

92 56.8 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 48.398 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. 0.000 min

Lab File: VU047231.D

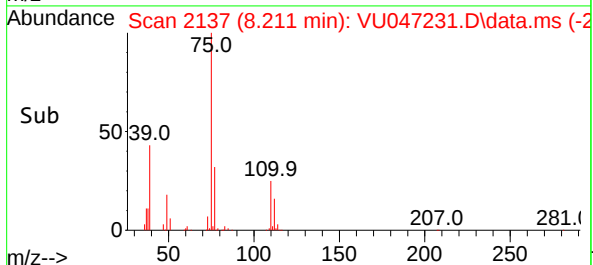
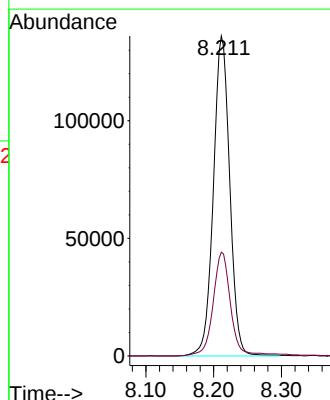
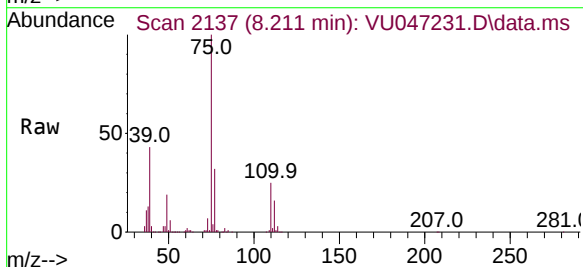
Acq: 22 Feb 2022 13:44

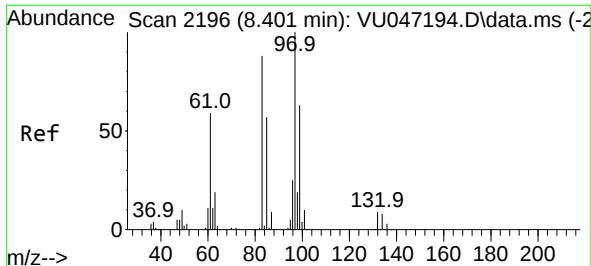
Tgt Ion: 75 Resp: 228207

Ion Ratio Lower Upper

75 100

77 32.4 23.0 42.8

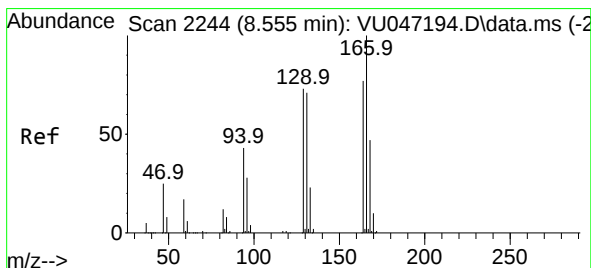
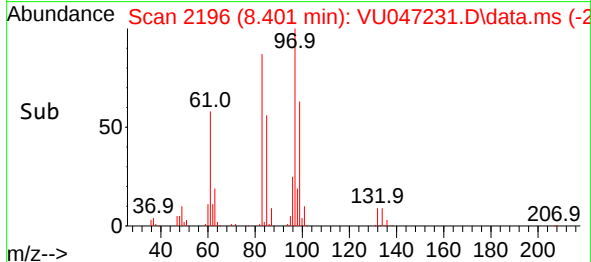
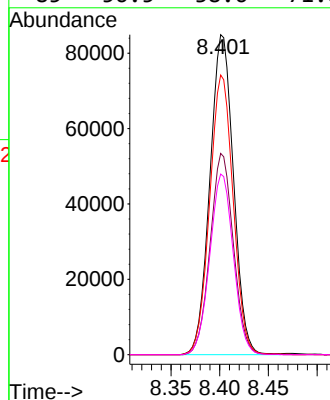
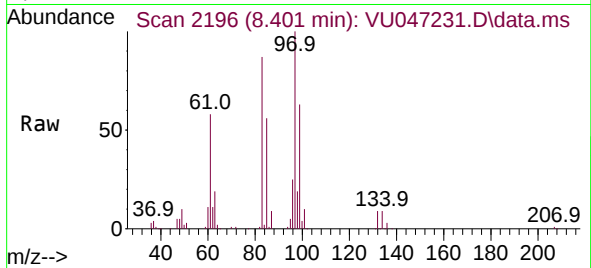




#45
1,1,2-Trichloroethane
Concen: 50.291 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

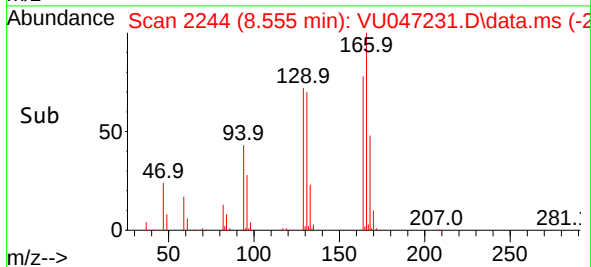
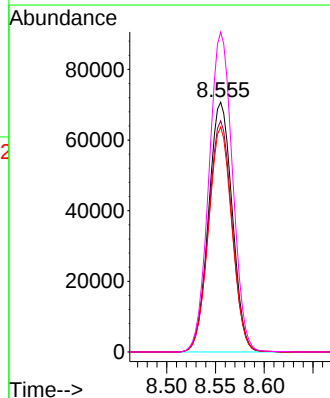
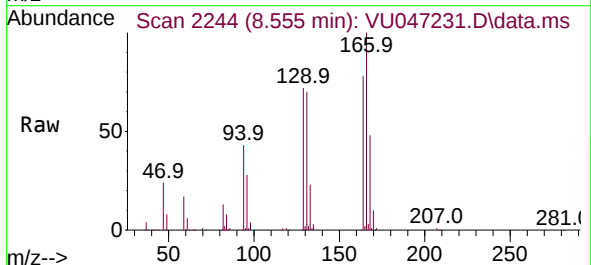
Instrument :
MSVOA_U
ClientSampleId :

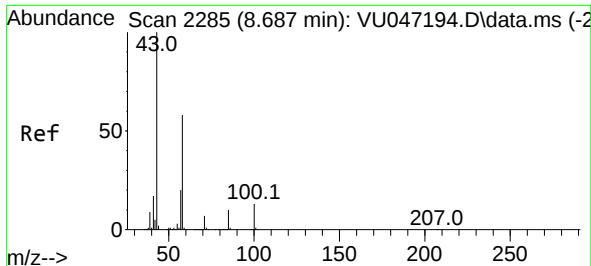
Tgt Ion:	97	Resp:	143023
Ion	Ratio	Lower	Upper
97	100		
99	62.9	42.4	78.8
83	87.4	59.4	110.4
85	56.5	38.6	71.8



#46
Tetrachloroethene
Concen: 50.738 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

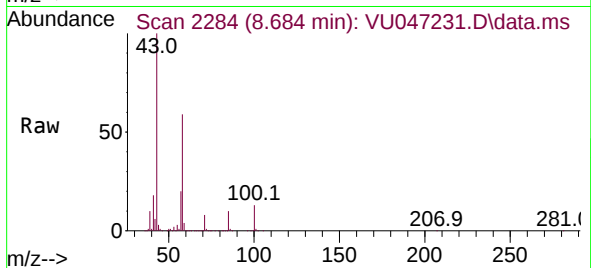
Tgt Ion:	164	Resp:	119514
Ion	Ratio	Lower	Upper
164	100		
129	92.6	69.5	129.1
131	90.1	67.0	124.4
166	128.1	90.6	168.2



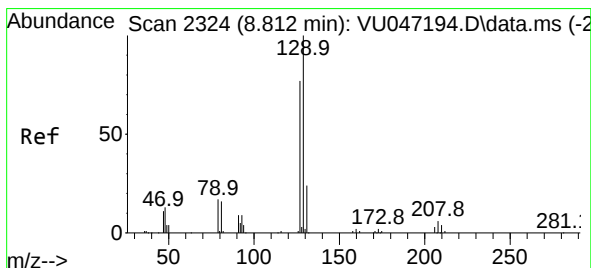
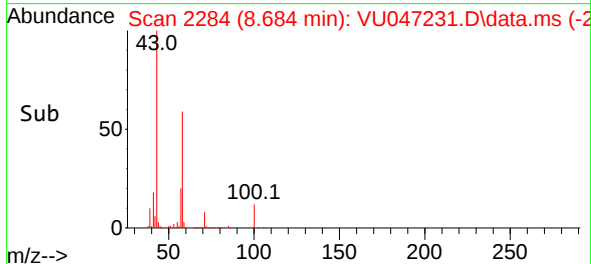
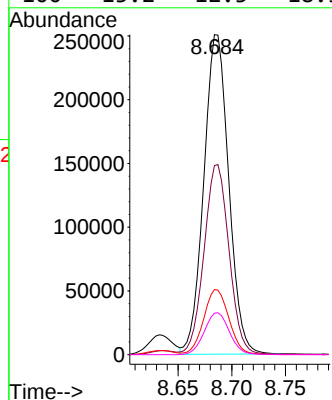


#48
2-Hexanone
Concen: 102.406 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Instrument :
MSVOA_U
ClientSampleId :

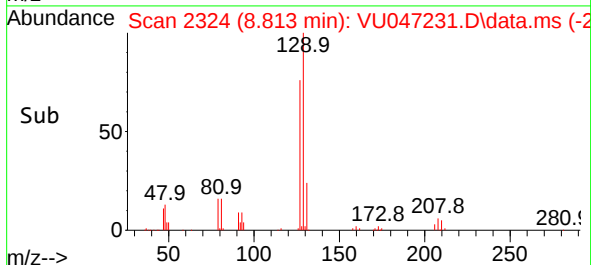
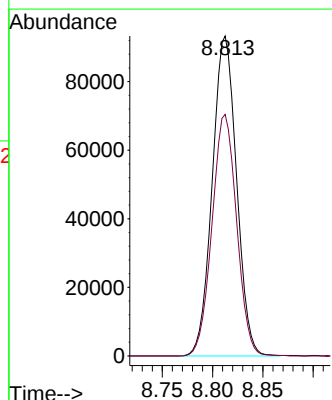
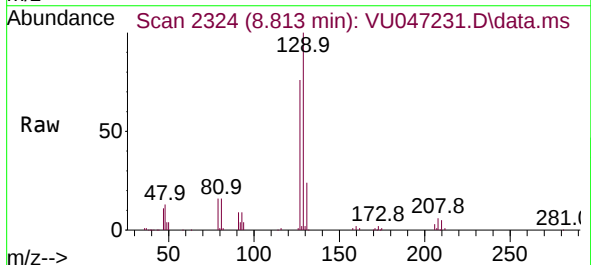


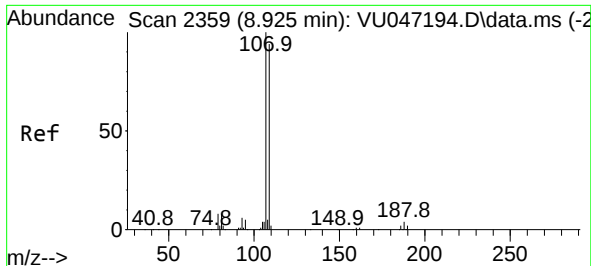
Tgt Ion: 43 Resp: 404943
Ion Ratio Lower Upper
43 100
58 60.0 49.4 74.2
57 20.6 17.5 26.3
100 13.2 12.3 18.5



#49
Dibromochloromethane
Concen: 47.659 ug/L
RT: 8.813 min Scan# 2324
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion: 129 Resp: 156811
Ion Ratio Lower Upper
129 100
127 75.5 54.5 101.3

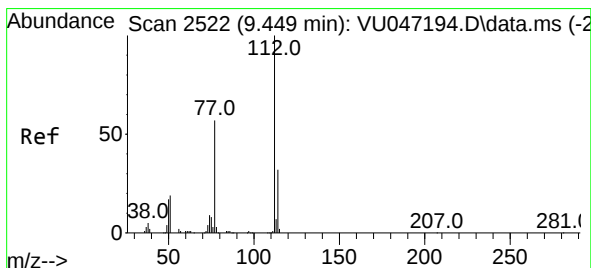
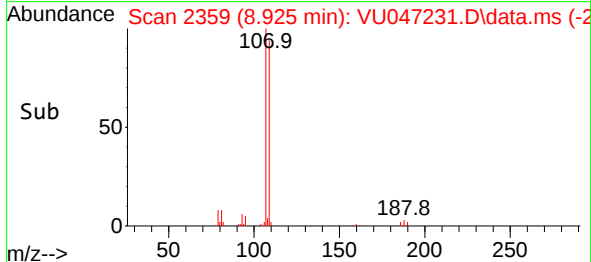
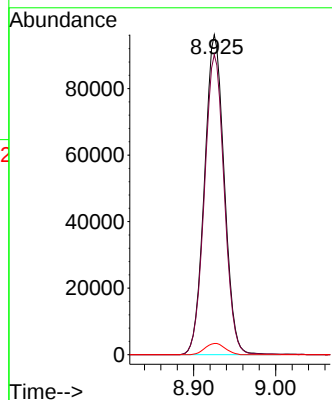
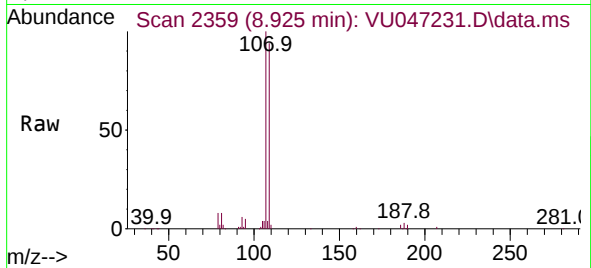




#50
1,2-Dibromoethane
Concen: 50.925 ug/L
RT: 8.925 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

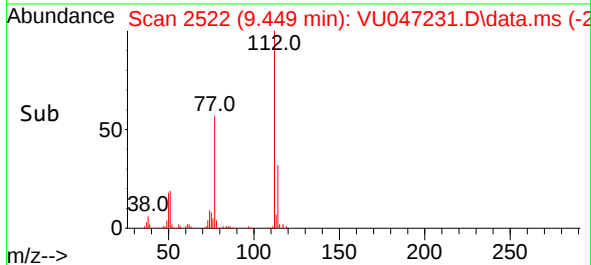
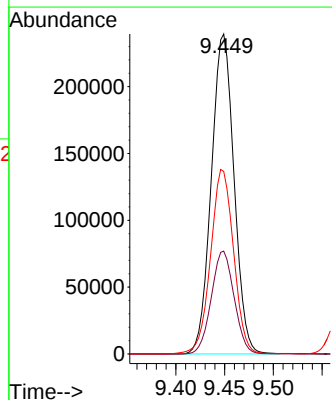
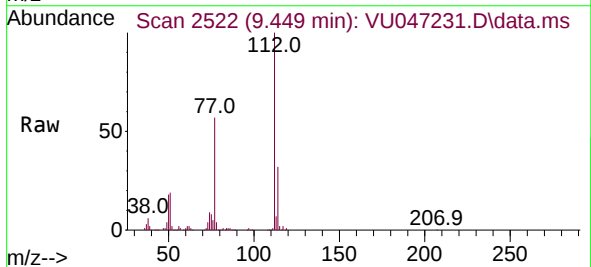
Instrument :
MSVOA_U
ClientSampleId :

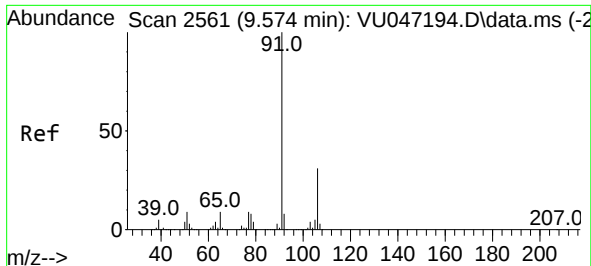
Tgt Ion:107 Resp: 160874
Ion Ratio Lower Upper
107 100
109 93.7 65.6 121.8
188 3.5 3.1 4.7



#51
Chlorobenzene
Concen: 48.850 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion:112 Resp: 387813
Ion Ratio Lower Upper
112 100
114 32.1 22.1 41.1
77 57.0 46.5 69.7

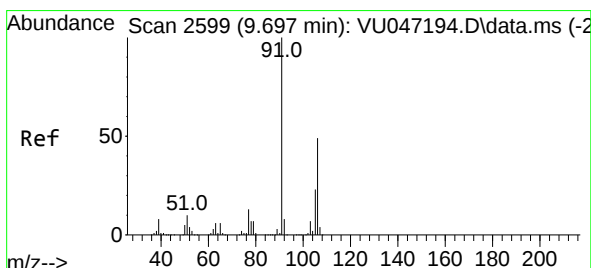
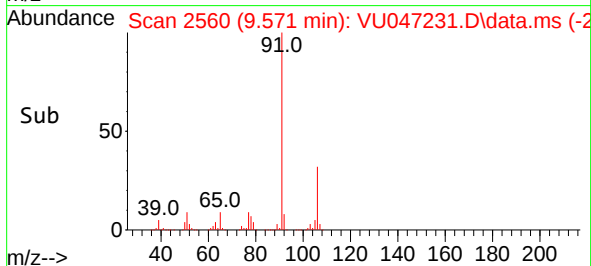
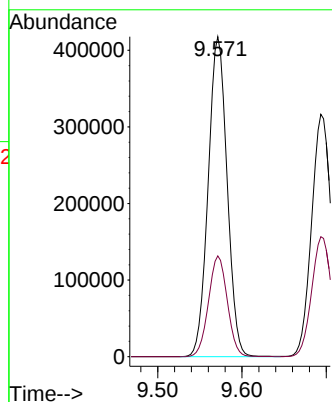
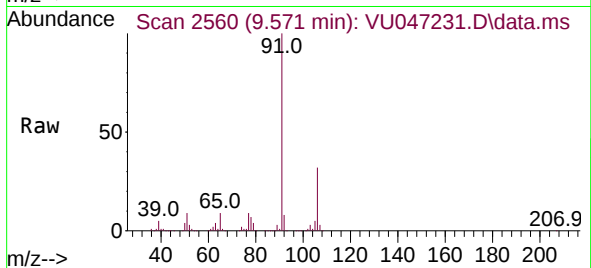




#52
Ethylbenzene
Concen: 48.114 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

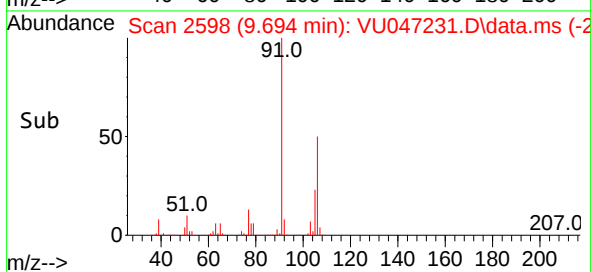
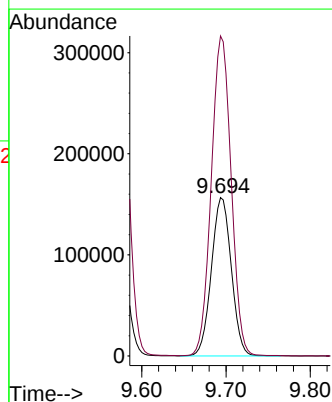
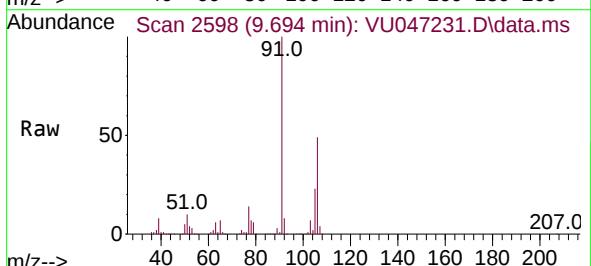
Instrument :
MSVOA_U
ClientSampleId :

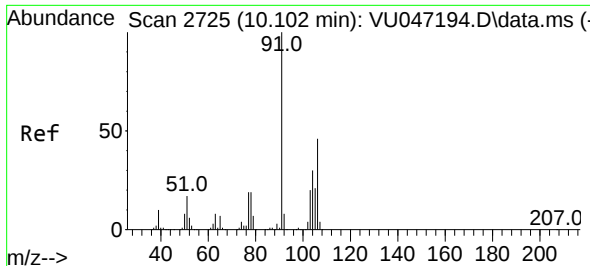
Tgt Ion: 91 Resp: 651971
Ion Ratio Lower Upper
91 100
106 31.5 21.8 40.4



#53
m,p-Xylene
Concen: 47.785 ug/L
RT: 9.694 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion:106 Resp: 256904
Ion Ratio Lower Upper
106 100
91 202.0 145.5 270.1

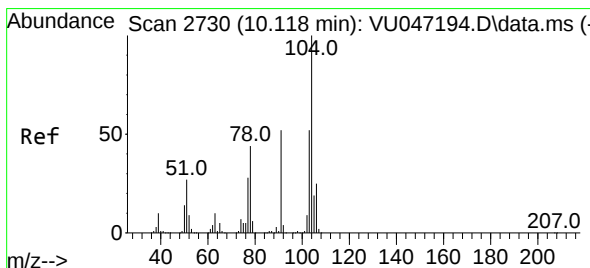
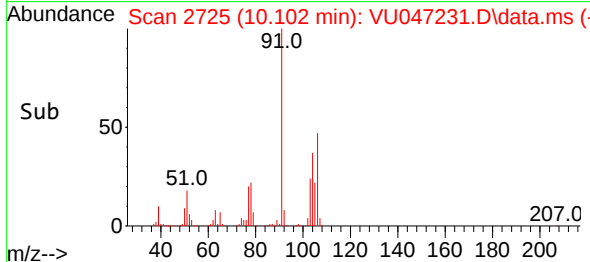
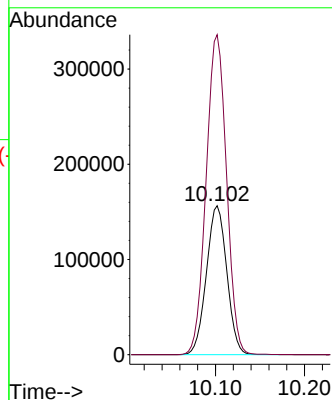
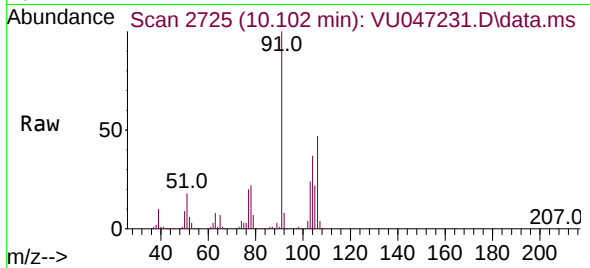




#54
o-xylene
Concen: 47.030 ug/L
RT: 10.102 min Scan# 21
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

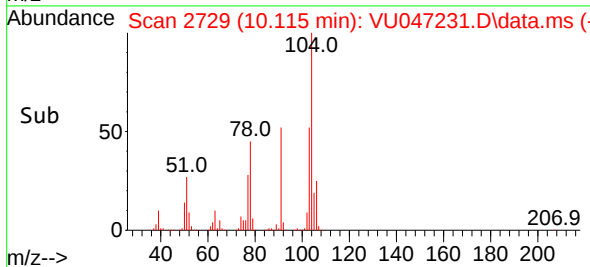
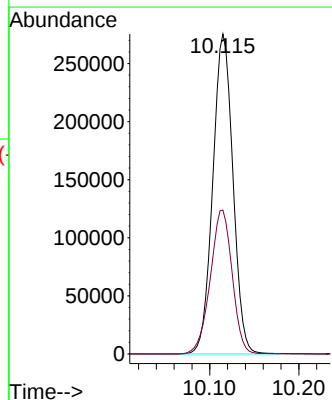
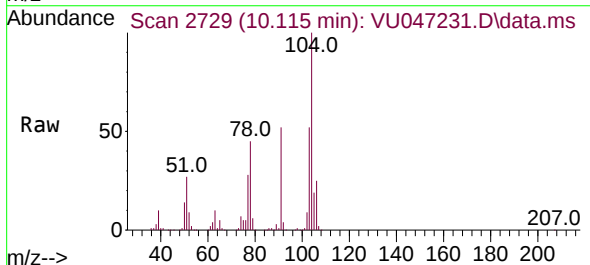
Instrument :
MSVOA_U
ClientSampleId :

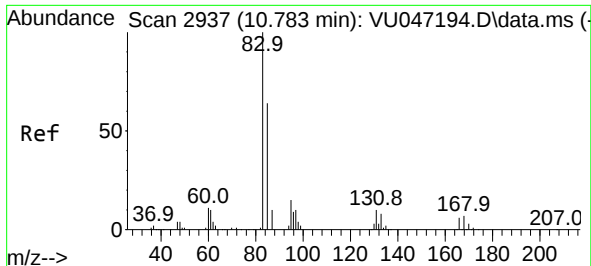
Tgt Ion:106 Resp: 248951
Ion Ratio Lower Upper
106 100
91 214.7 152.0 282.2



#55
Styrene
Concen: 47.501 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion:104 Resp: 432655
Ion Ratio Lower Upper
104 100
78 45.0 32.6 60.6

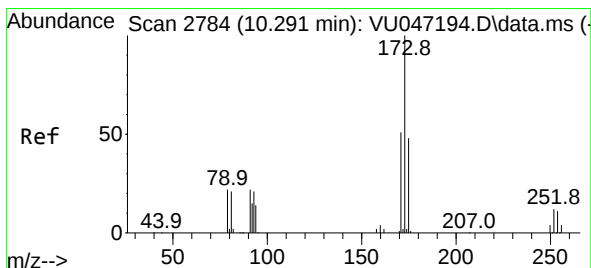
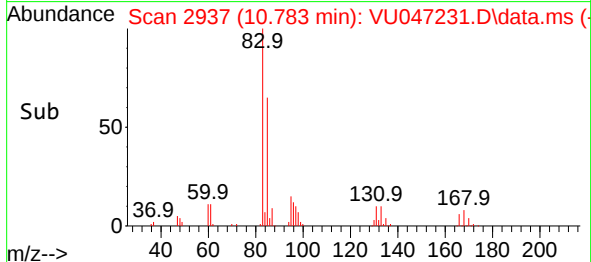
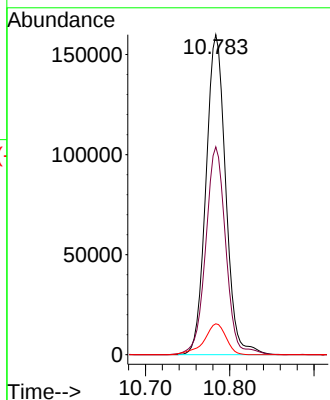
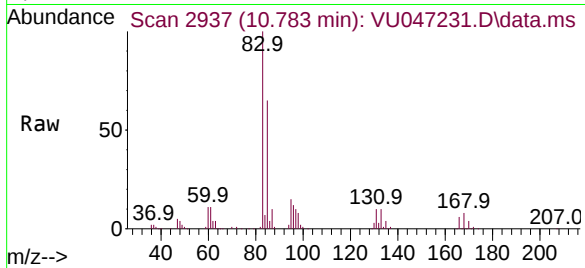




#57
1,1,2,2-Tetrachloroethane
Concen: 51.884 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

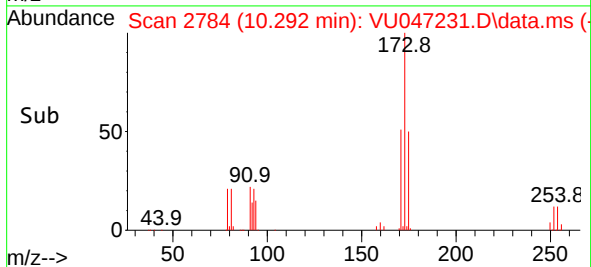
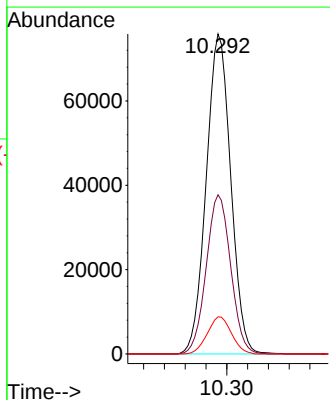
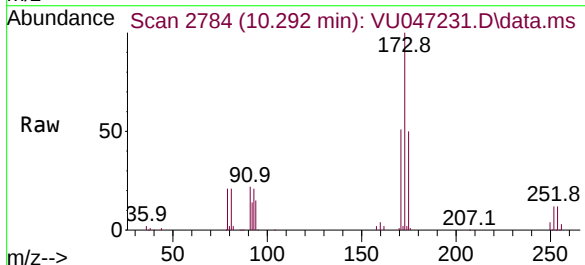
Instrument :
MSVOA_U
ClientSampleId :

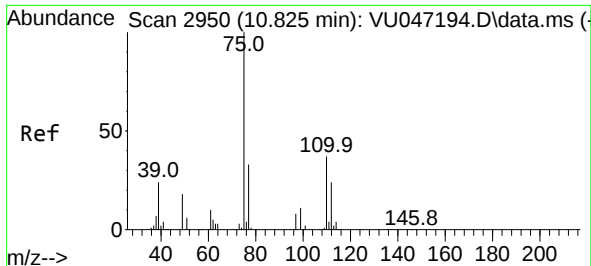
Tgt Ion: 83 Resp: 260126
Ion Ratio Lower Upper
83 100
85 65.0 44.7 83.1
131 9.7 7.8 11.6



#59
Bromoform
Concen: 43.224 ug/L
RT: 10.292 min Scan# 2784
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion: 173 Resp: 124343
Ion Ratio Lower Upper
173 100
175 49.6 37.6 56.4
254 11.4 8.1 12.1

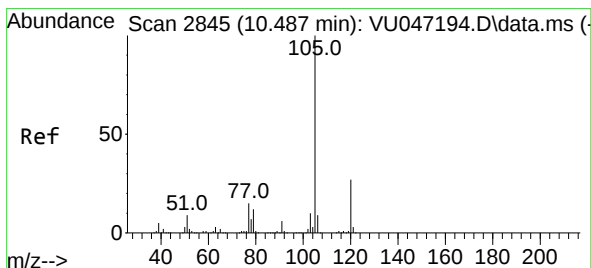
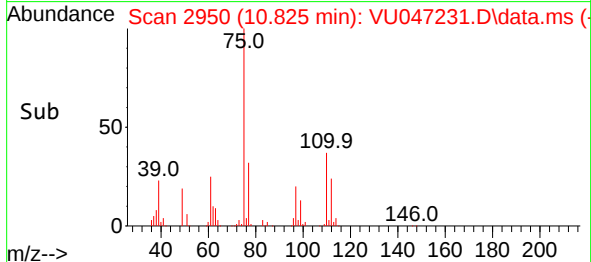
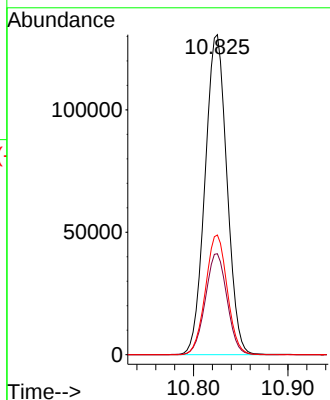
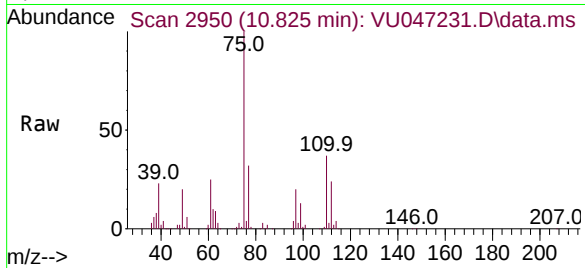




#60
1,2,3-Trichloropropane
Concen: 46.572 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

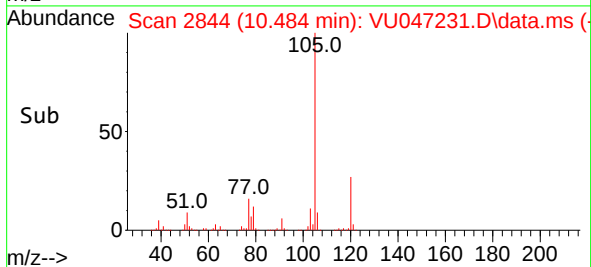
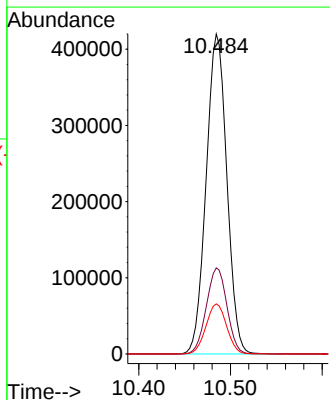
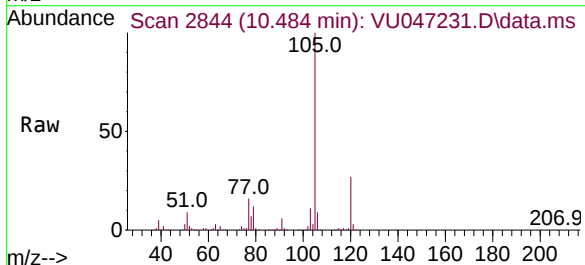
Instrument :
MSVOA_U
ClientSampleId :

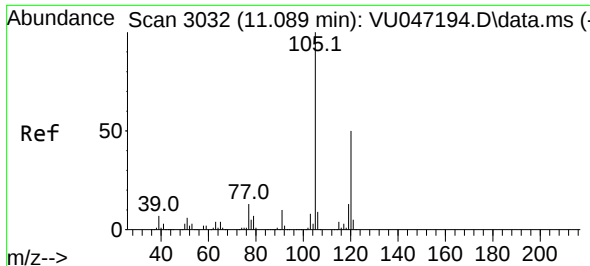
Tgt Ion: 75 Resp: 210365
Ion Ratio Lower Upper
75 100
77 31.4 26.2 39.2
110 37.1 32.5 48.7



#61
Isopropylbenzene
Concen: 44.205 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion: 105 Resp: 658457
Ion Ratio Lower Upper
105 100
120 26.8 20.6 31.0
77 15.6 12.6 18.8

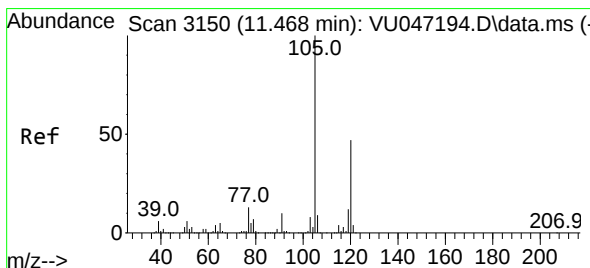
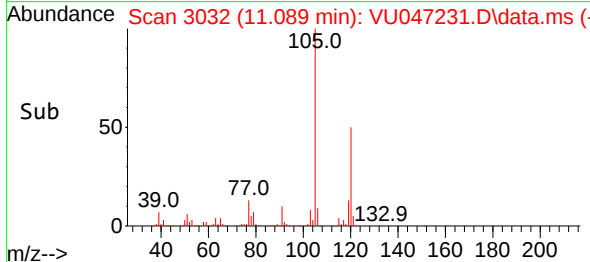
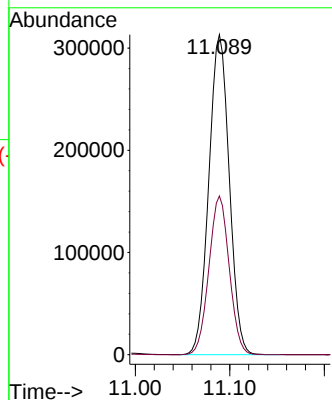
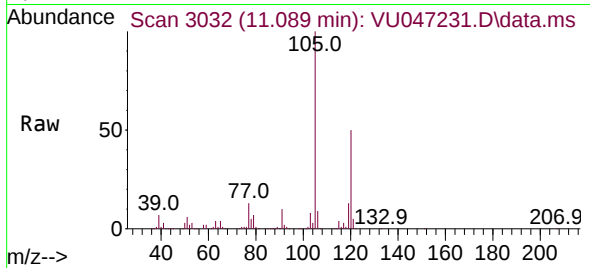




#62
1,3,5-Trimethylbenzene
Concen: 44.508 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

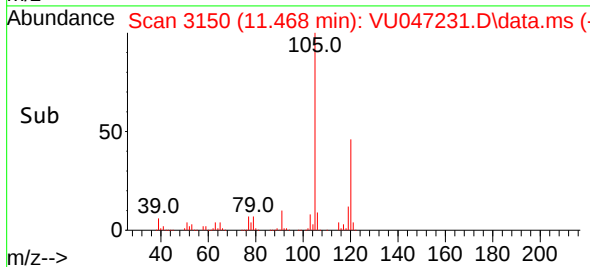
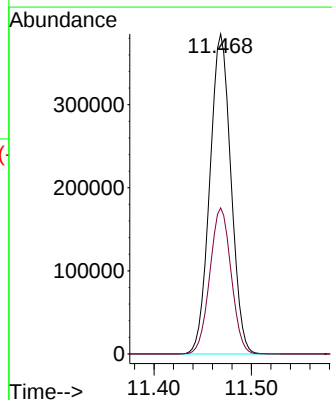
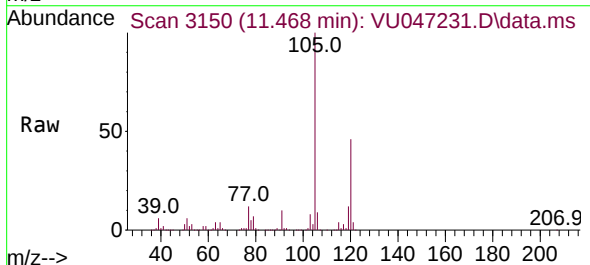
Instrument :
MSVOA_U
ClientSampleId :

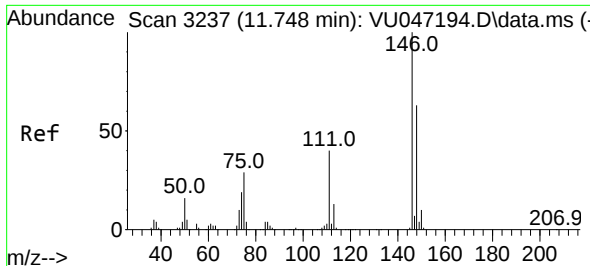
Tgt Ion:105 Resp: 469862
Ion Ratio Lower Upper
105 100
120 49.3 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 45.266 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion:105 Resp: 580183
Ion Ratio Lower Upper
105 100
120 45.9 35.4 53.2

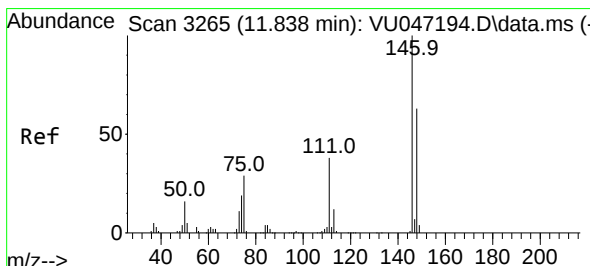
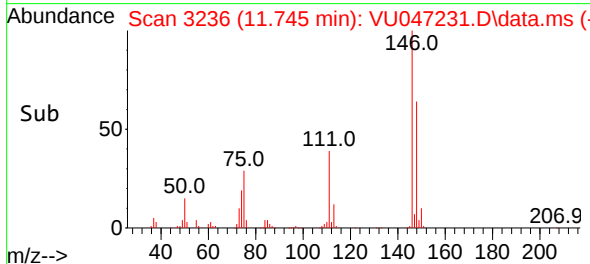
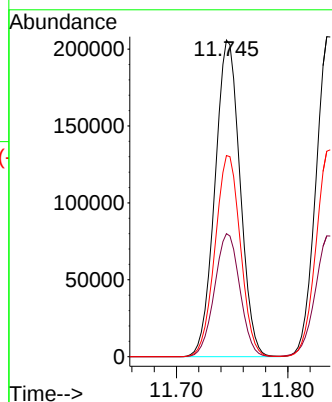
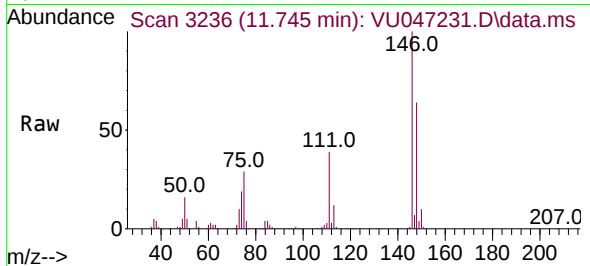




#64
 1,3-Dichlorobenzene
 Concen: 46.369 ug/L
 RT: 11.745 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU047231.D
 Acq: 22 Feb 2022 13:44

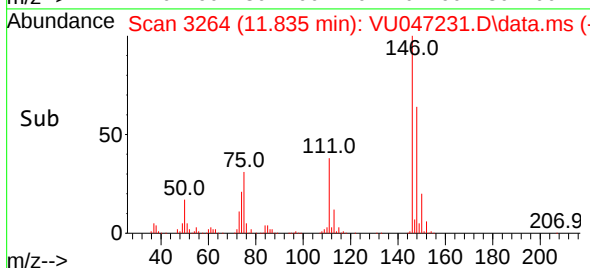
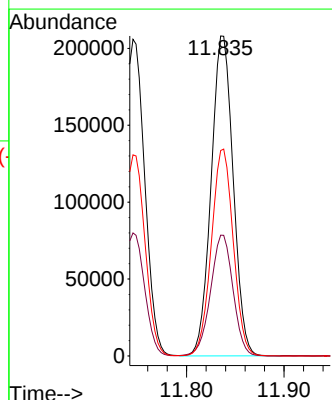
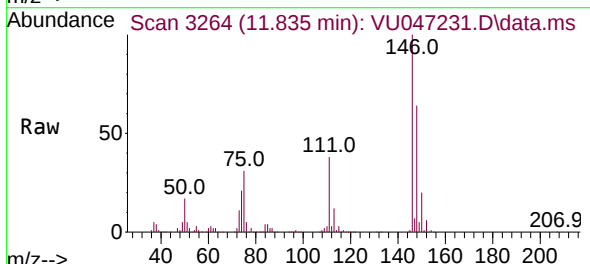
Instrument :
 MSVOA_U
 ClientSampleId :

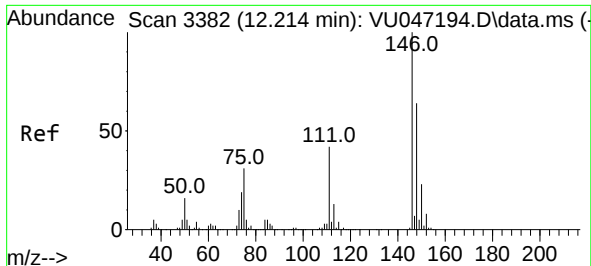
Tgt Ion:146 Resp: 322282
 Ion Ratio Lower Upper
 146 100
 111 38.9 29.4 54.6
 148 63.5 45.8 85.2



#65
 1,4-Dichlorobenzene
 Concen: 46.775 ug/L
 RT: 11.835 min Scan# 3264
 Delta R.T. -0.003 min
 Lab File: VU047231.D
 Acq: 22 Feb 2022 13:44

Tgt Ion:146 Resp: 326805
 Ion Ratio Lower Upper
 146 100
 111 37.8 28.9 53.7
 148 64.2 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 46.403 ug/L

RT: 12.214 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

Instrument :

MSVOA_U

ClientSampleId :

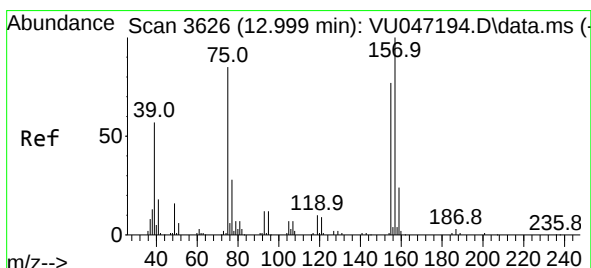
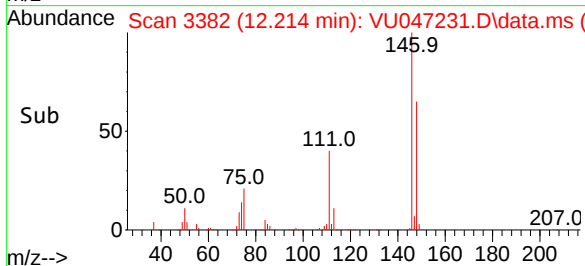
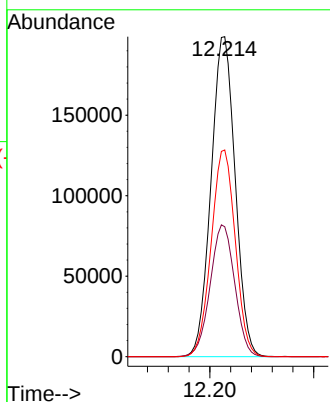
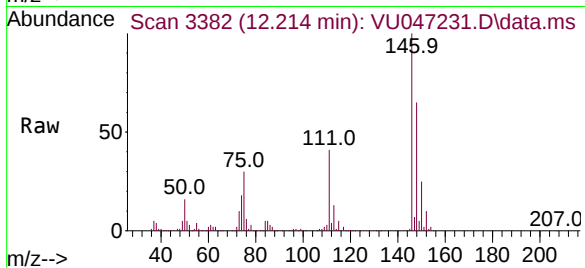
Tgt Ion:146 Resp: 320958

Ion Ratio Lower Upper

146 100

111 40.6 34.2 51.4

148 64.6 51.3 76.9



#68

1,2-Dibromo-3-chloropropane

Concen: 50.764 ug/L

RT: 12.996 min Scan# 3625

Delta R.T. -0.003 min

Lab File: VU047231.D

Acq: 22 Feb 2022 13:44

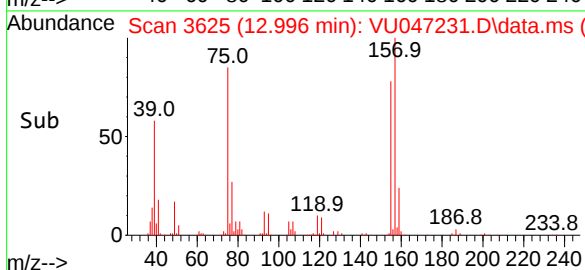
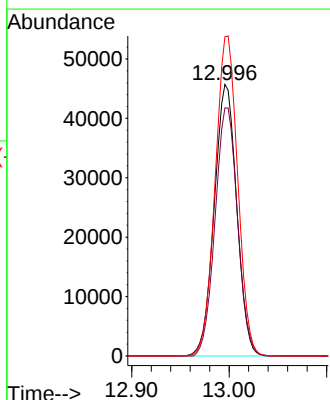
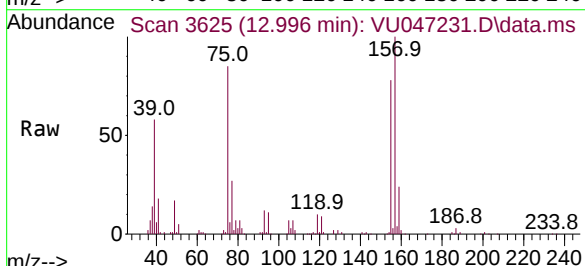
Tgt Ion: 75 Resp: 73055

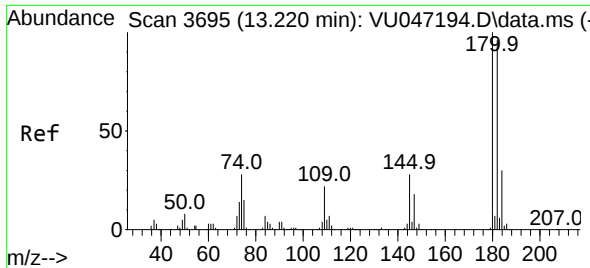
Ion Ratio Lower Upper

75 100

155 91.3 65.0 97.4

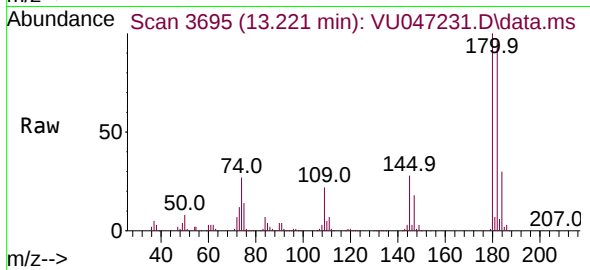
157 117.6 79.7 119.5



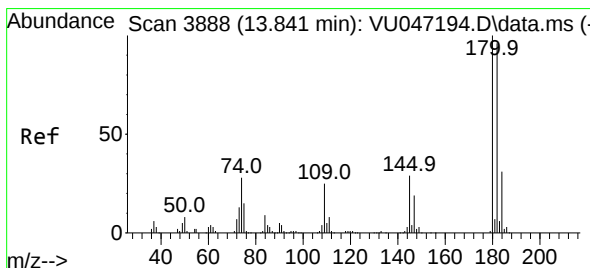
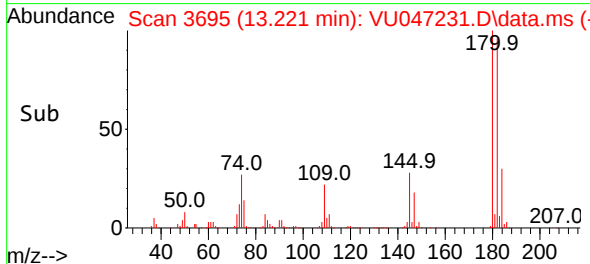
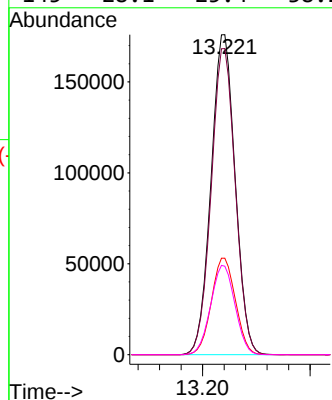


#69
 1,3,5-Trichlorobenzene
 Concen: 50.927 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. 0.000 min
 Lab File: VU047231.D
 Acq: 22 Feb 2022 13:44

Instrument :
 MSVOA_U
 ClientSampleId :

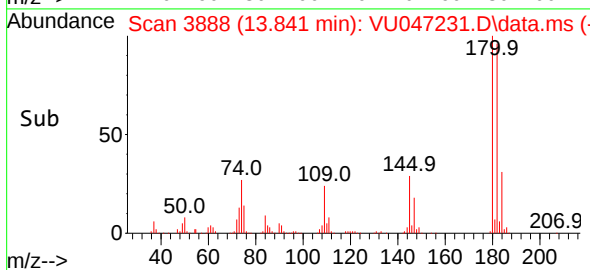
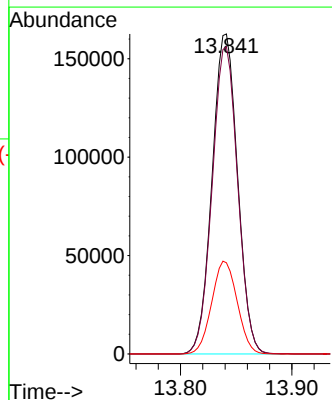
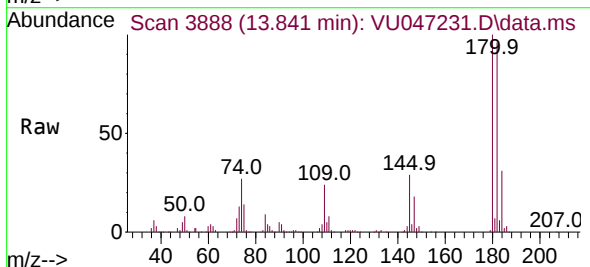


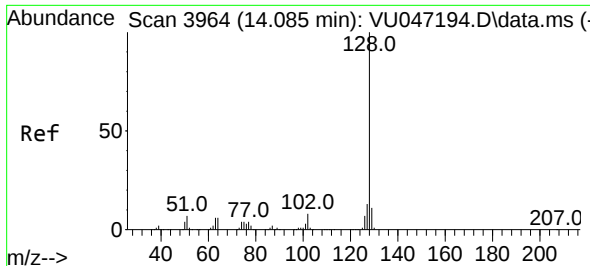
Tgt Ion:180 Resp: 273736
 Ion Ratio Lower Upper
 180 100
 182 95.6 77.0 115.6
 184 30.2 24.7 37.1
 145 28.1 25.4 38.2



#70
 1,2,4-trichlorobenzene
 Concen: 50.750 ug/L
 RT: 13.841 min Scan# 3888
 Delta R.T. 0.000 min
 Lab File: VU047231.D
 Acq: 22 Feb 2022 13:44

Tgt Ion:180 Resp: 258580
 Ion Ratio Lower Upper
 180 100
 182 95.9 76.6 114.8
 145 29.0 25.2 37.8

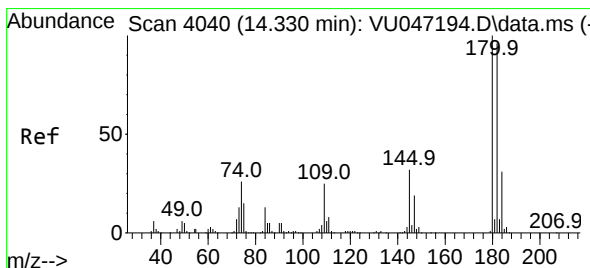
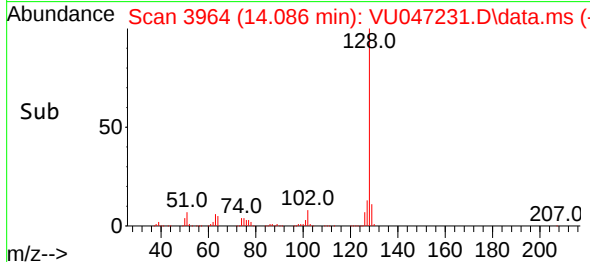
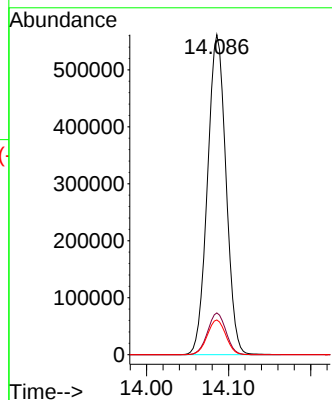
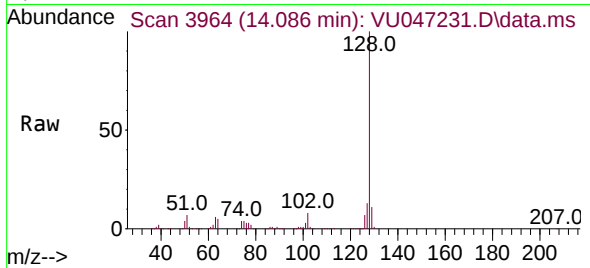




#71
Naphthalene
Concen: 48.740 ug/L
RT: 14.086 min Scan# 3964
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 879183
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 50.233 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. 0.000 min
Lab File: VU047231.D
Acq: 22 Feb 2022 13:44

Tgt Ion:180 Resp: 254847
Ion Ratio Lower Upper
180 100
182 95.9 76.6 115.0
145 30.6 27.4 41.2

