

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU022222\
 Data File : VU047236.D
 Acq On : 22 Feb 2022 16:59
 Operator : SY/MD
 Sample : N1621-03MSD 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 23 03:41:03 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	6.250	114	367535	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	362422	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	208826	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	152568	45.707	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	91.420%
7) Chloroethane-d5	1.919	69	125331	50.650	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.300%
11) 1,1-Dichloroethene-d2	2.575	63	258024	46.646	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	93.300%
21) 2-Butanone-d5	4.632	46	264528	102.182	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.180%
24) Chloroform-d	5.066	84	262475	48.437	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.880%
26) 1,2-Dichloroethane-d4	5.703	65	162377	46.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.380%
32) Benzene-d6	5.729	84	535206	44.419	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.840%
36) 1,2-Dichloropropane-d6	6.693	67	167482	42.863	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.720%
41) Toluene-d8	7.899	98	512891	44.708	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.420%
43) trans-1,3-Dichloroprop...	8.179	79	86988	42.481	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.960%
47) 2-Hexanone-d5	8.632	63	218554	97.633	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	97.630%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	259717	45.584	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.160%
66) 1,2-Dichlorobenzene-d4	12.195	152	206850	41.766	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.540%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	158626	46.321	ug/L	100
3) Chloromethane	1.526	50	166703	49.193	ug/L	100
5) Vinyl chloride	1.607	62	159046	46.573	ug/L	100
6) Bromomethane	1.864	94	81799	41.179	ug/L	99
8) Chloroethane	1.938	64	102349	51.987	ug/L	94
9) Trichlorofluoromethane	2.144	101	210690	53.277	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	120002	49.264	ug/L	96
12) 1,1-Dichloroethene	2.584	96	114015	47.705	ug/L	89
13) Acetone	2.649	43	164499	87.228	ug/L	97
14) Carbon disulfide	2.800	76	334630	44.611	ug/L	99
15) Methyl Acetate	2.957	43	166028	52.317	ug/L	97
16) Methylene chloride	3.050	84	143126	54.118	ug/L	98
17) trans-1,2-Dichloroethene	3.359	96	124146	49.441	ug/L	98
18) Methyl tert-butyl Ether	3.366	73	394579	46.467	ug/L	96
19) 1,1-Dichloroethane	3.874	63	227415	48.224	ug/L	99
20) cis-1,2-Dichloroethene	4.671	96	140558	50.607	ug/L	99
22) 2-Butanone	4.713	43	267630	105.769	ug/L	97
23) Bromochloromethane	4.980	128	74298	50.441	ug/L	96
25) Chloroform	5.092	83	236428	51.181	ug/L	100

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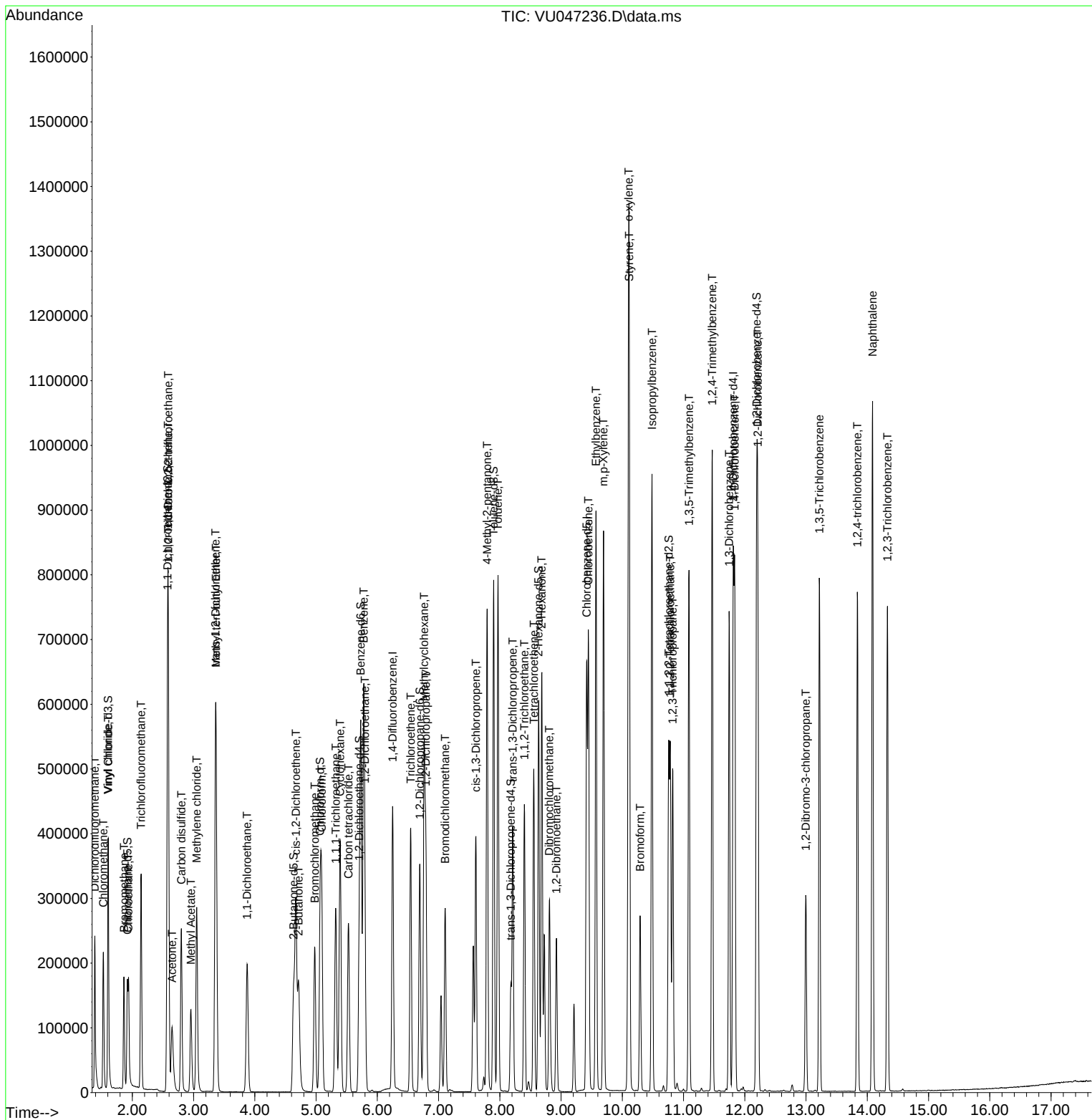
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 ClientSampleId :

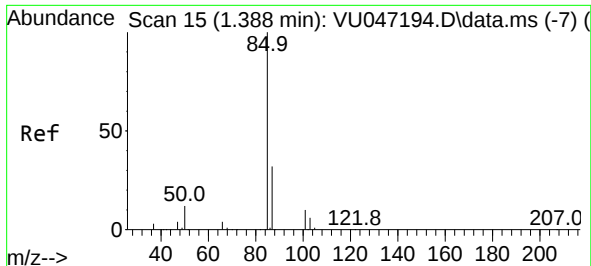
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 Quant Title : VOC Analysis
 QLast Update : Fri Feb 18 00:54:38 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.796	62	186924	50.926	ug/L	99
29) Cyclohexane	5.394	56	203663	42.877	ug/L	98
30) 1,1,1-Trichloroethane	5.320	97	205348	47.304	ug/L	98
31) Carbon tetrachloride	5.529	117	177389	47.130	ug/L	99
33) Benzene	5.777	78	527355	46.652	ug/L	100
34) Trichloroethene	6.545	95	136641	46.535	ug/L	98
35) Methylcyclohexane	6.764	83	216906	44.025	ug/L	98
37) 1,2-Dichloropropane	6.793	63	137283	45.339	ug/L	98
38) Bromodichloromethane	7.108	83	181741	47.092	ug/L	100
39) cis-1,3-Dichloropropene	7.610	75	227255	46.179	ug/L	100
40) 4-Methyl-2-pentanone	7.793	43	467252	97.447	ug/L	96
42) Toluene	7.970	91	581299	46.819	ug/L	100
44) trans-1,3-Dichloropropene	8.211	75	220430	46.618	ug/L	98
45) 1,1,2-Trichloroethane	8.401	97	138275	48.486	ug/L	99
46) Tetrachloroethene	8.555	164	111927	47.385	ug/L	96
48) 2-Hexanone	8.684	43	373098	94.090	ug/L	97
49) Dibromochloromethane	8.809	129	151139	45.807	ug/L	99
50) 1,2-Dibromoethane	8.925	107	155537	49.098	ug/L	99
51) Chlorobenzene	9.446	112	373190	46.877	ug/L	100
52) Ethylbenzene	9.571	91	625256	46.014	ug/L	100
53) m,p-Xylene	9.693	106	242039	44.895	ug/L	97
54) o-xylene	10.102	106	237797	44.797	ug/L	98
55) Styrene	10.114	104	413174	45.236	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.783	83	259247	51.565	ug/L	99
59) Bromoform	10.291	173	121316	42.792	ug/L	97
60) 1,2,3-Trichloropropane	10.822	75	201770	45.325	ug/L	97
61) Isopropylbenzene	10.484	105	623148	42.449	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	438677	42.165	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	543070	42.993	ug/L	98
64) 1,3-Dichlorobenzene	11.745	146	304322	44.428	ug/L	98
65) 1,4-Dichlorobenzene	11.835	146	309336	44.925	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	309991	45.476	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.995	75	72604	51.192	ug/L	85
69) 1,3,5-Trichlorobenzene	13.217	180	252825	47.728	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	244227	48.637	ug/L	98
71) Naphthalene	14.085	128	855548	48.127	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	240147	48.031	ug/L	98

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

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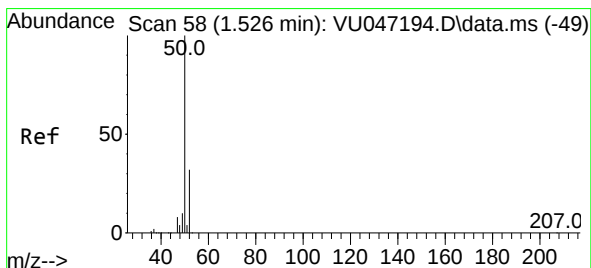
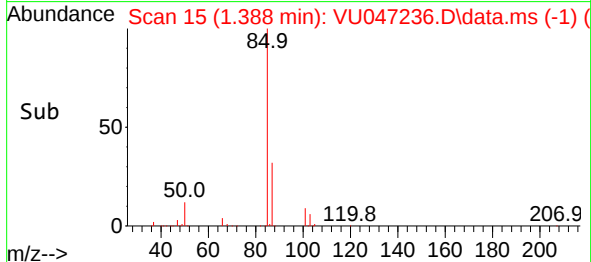
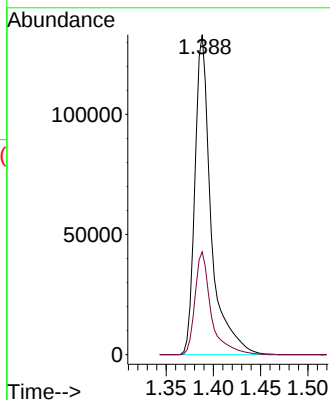
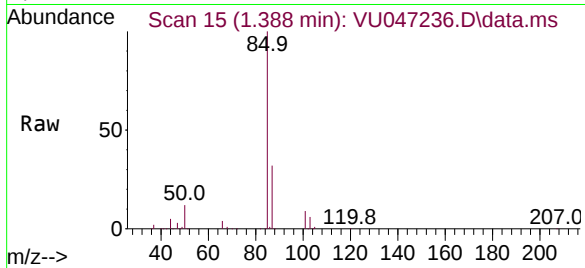




#2
Dichlorodifluoromethane
Concen: 46.321 ug/L
RT: 1.388 min Scan# 15
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

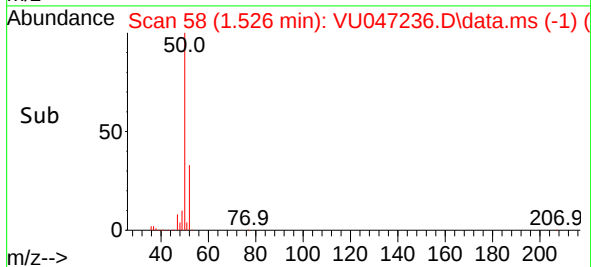
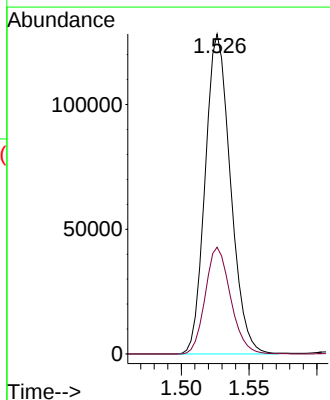
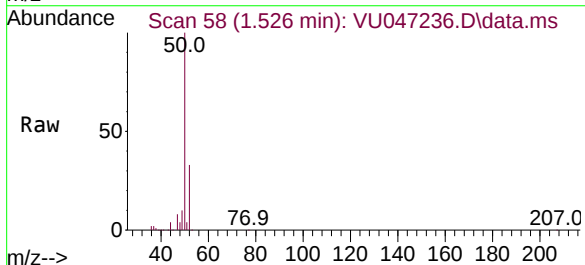
Instrument :
MSVOA_U
ClientSampleId :

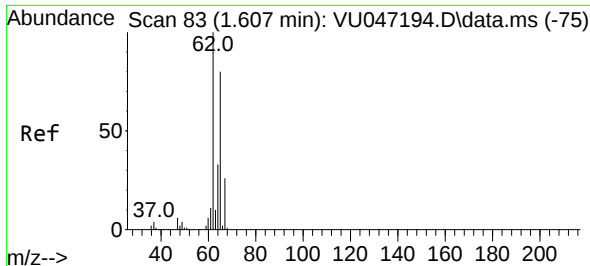
Tgt Ion: 85 Resp: 158626
Ion Ratio Lower Upper
85 100
87 32.1 25.6 38.4



#3
Chloromethane
Concen: 49.193 ug/L
RT: 1.526 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

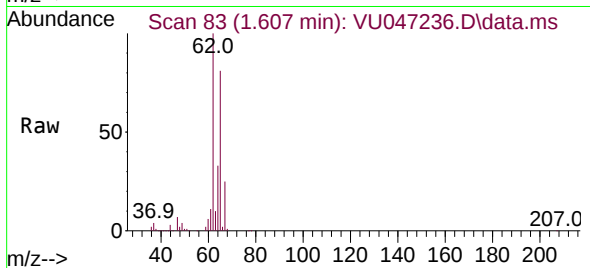
Tgt Ion: 50 Resp: 166703
Ion Ratio Lower Upper
50 100
52 33.4 23.2 43.2



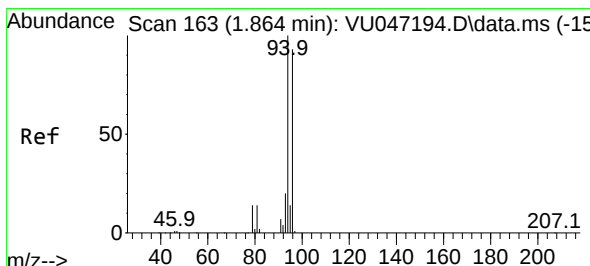
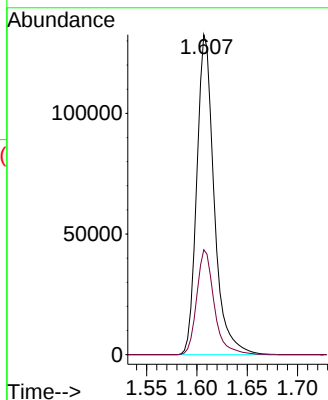
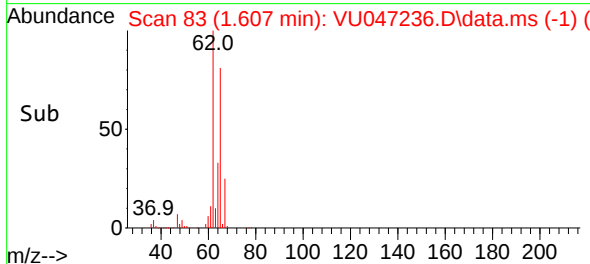


#5
 Vinyl chloride
 Concen: 46.573 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. -0.000 min
 Lab File: VU047236.D
 Acq: 22 Feb 2022 16:59

Instrument :
 MSVOA_U
 ClientSampleId :

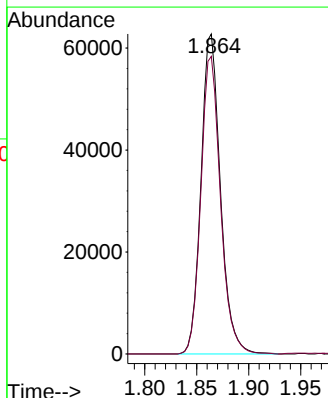
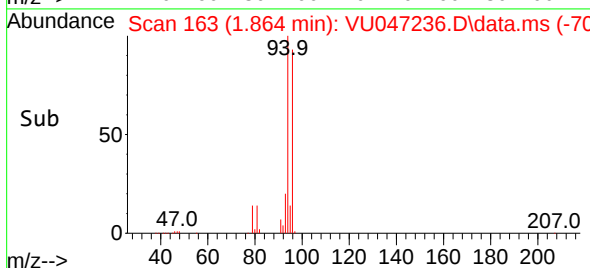
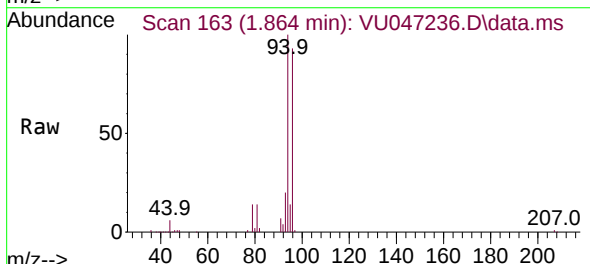


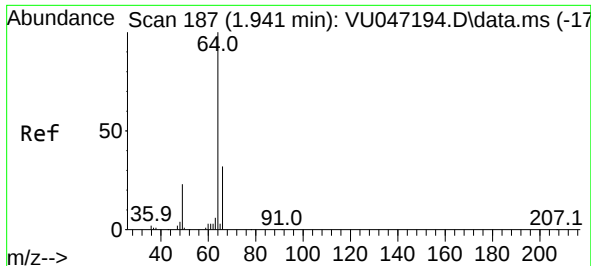
Tgt Ion: 62 Resp: 159046
 Ion Ratio Lower Upper
 62 100
 64 32.8 23.1 42.9



#6
 Bromomethane
 Concen: 41.179 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047236.D
 Acq: 22 Feb 2022 16:59

Tgt Ion: 94 Resp: 81799
 Ion Ratio Lower Upper
 94 100
 96 93.0 64.4 119.6

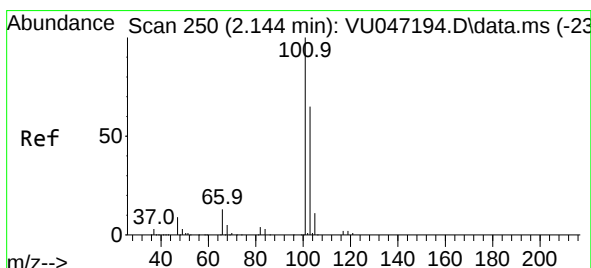
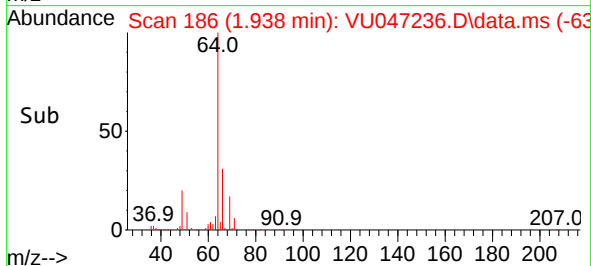
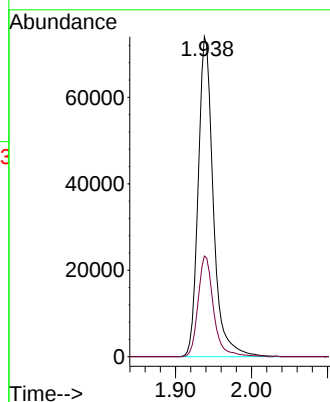
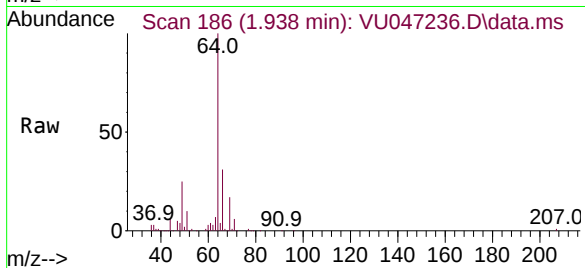




#8
Chloroethane
Concen: 51.987 ug/L
RT: 1.938 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

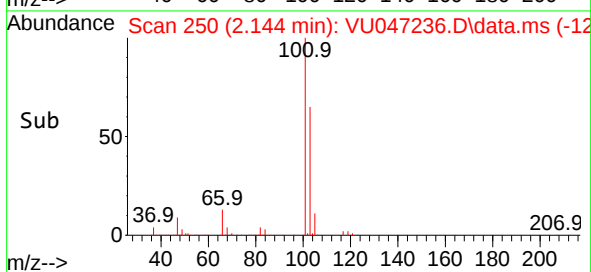
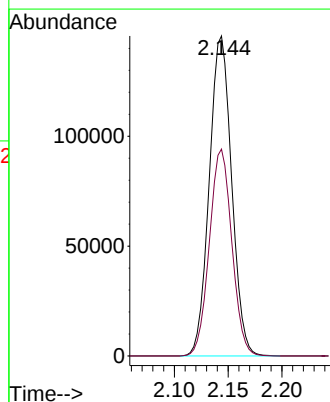
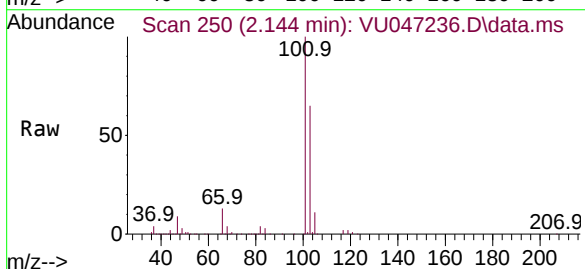
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MSVOA_U
ClientSampleId :

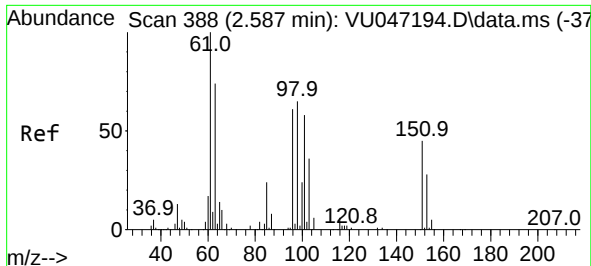
Tgt Ion: 64 Resp: 102349
Ion Ratio Lower Upper
64 100
66 31.5 24.4 45.2



#9
Trichlorofluoromethane
Concen: 53.277 ug/L
RT: 2.144 min Scan# 250
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion:101 Resp: 210690
Ion Ratio Lower Upper
101 100
103 64.9 52.0 78.0

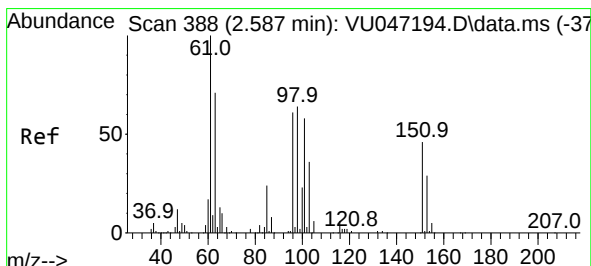
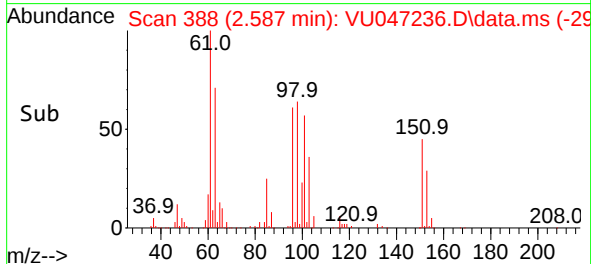
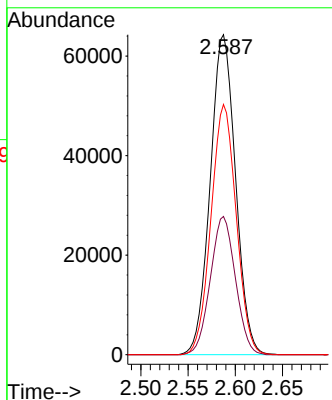
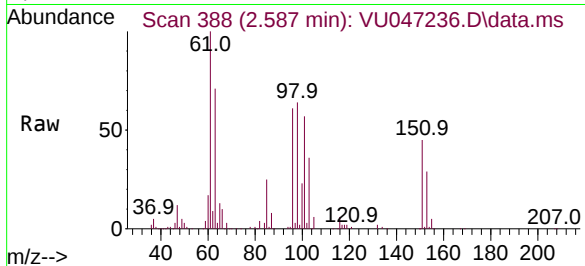




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 49.264 ug/L
 RT: 2.587 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU047236.D
 Acq: 22 Feb 2022 16:59

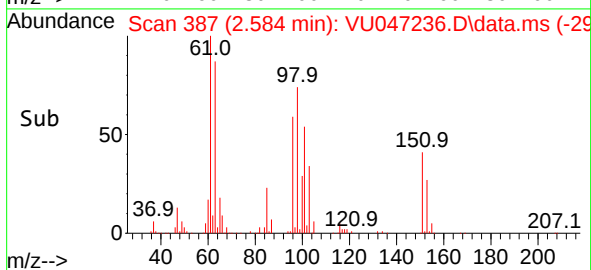
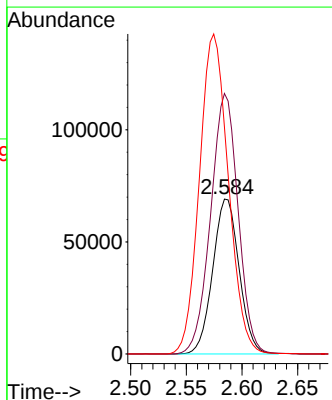
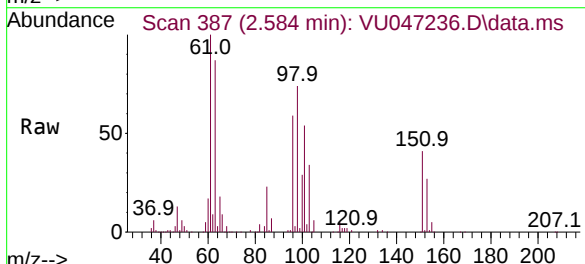
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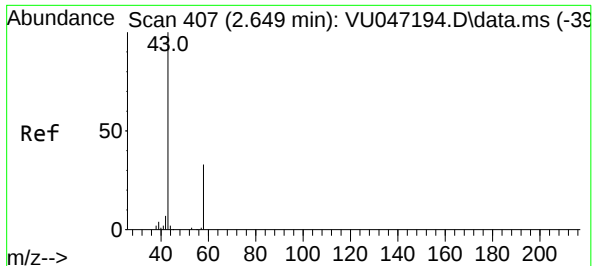
Tgt Ion:101 Resp: 120002
 Ion Ratio Lower Upper
 101 100
 85 42.7 34.9 52.3
 151 77.7 58.3 87.5



#12
 1,1-Dichloroethene
 Concen: 47.705 ug/L
 RT: 2.584 min Scan# 387
 Delta R.T. -0.003 min
 Lab File: VU047236.D
 Acq: 22 Feb 2022 16:59

Tgt Ion: 96 Resp: 114015
 Ion Ratio Lower Upper
 96 100
 61 168.2 114.9 213.3
 63 146.4 86.0 159.8





#13

Acetone

Concen: 87.228 ug/L

RT: 2.649 min Scan# 407

Delta R.T. -0.000 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

Instrument :

MSVOA_U

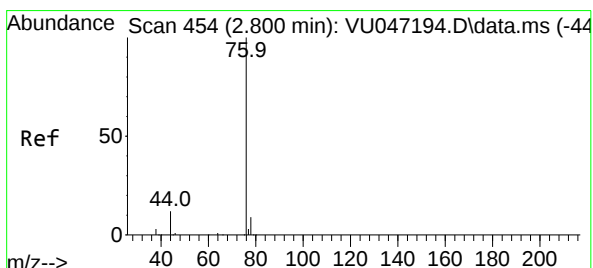
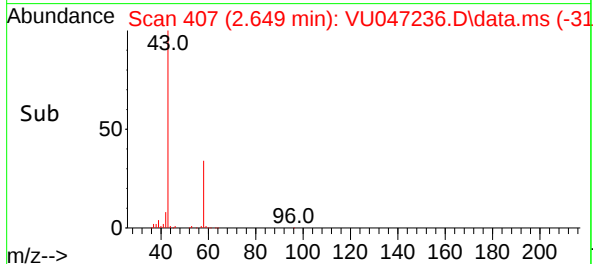
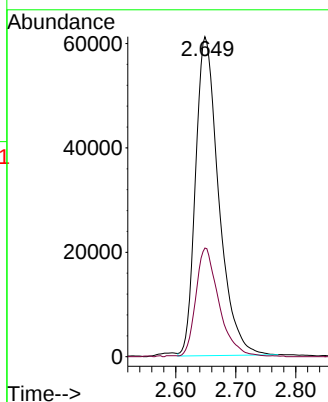
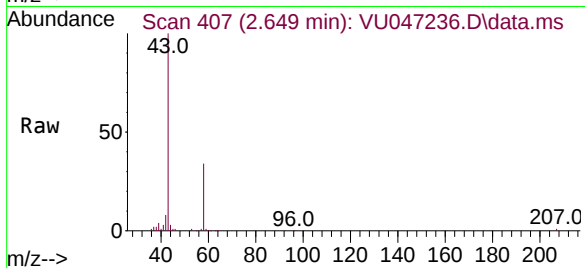
ClientSampleId :

Tgt Ion: 43 Resp: 164499

Ion Ratio Lower Upper

43 100

58 33.7 0.0 71.0



#14

Carbon disulfide

Concen: 44.611 ug/L

RT: 2.800 min Scan# 454

Delta R.T. -0.000 min

Lab File: VU047236.D

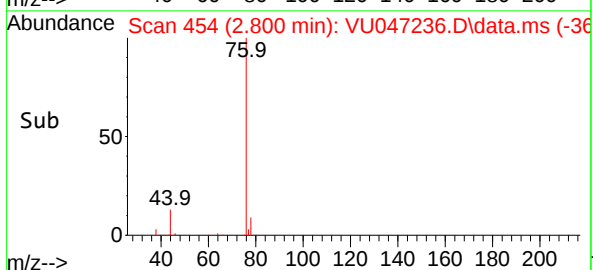
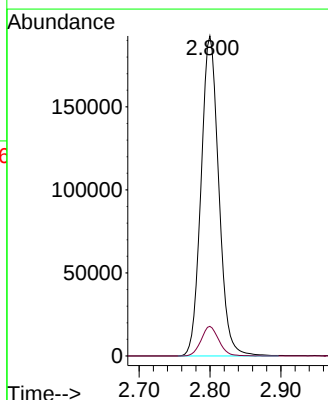
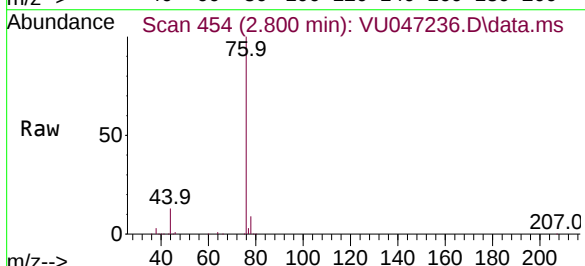
Acq: 22 Feb 2022 16:59

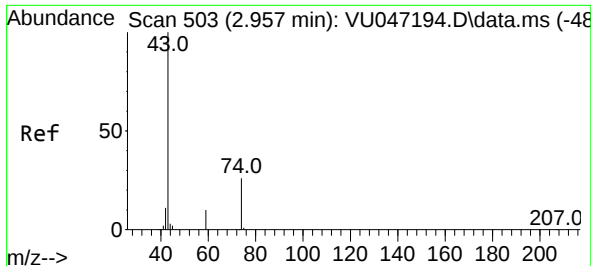
Tgt Ion: 76 Resp: 334630

Ion Ratio Lower Upper

76 100

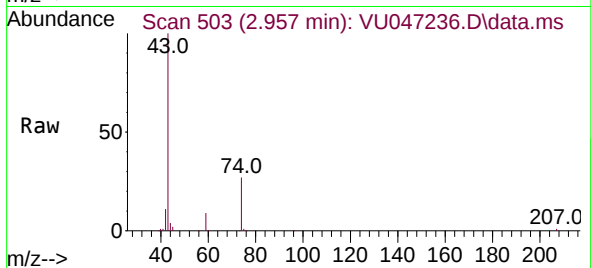
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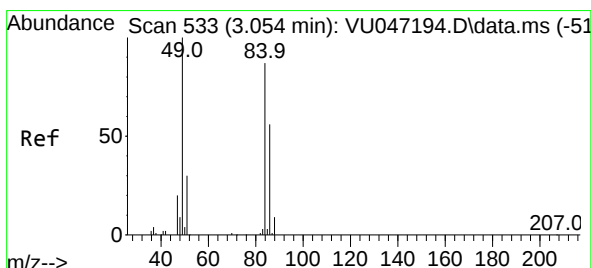
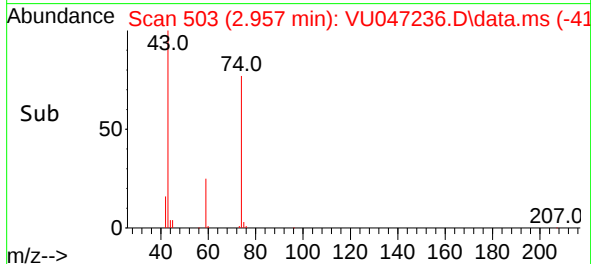
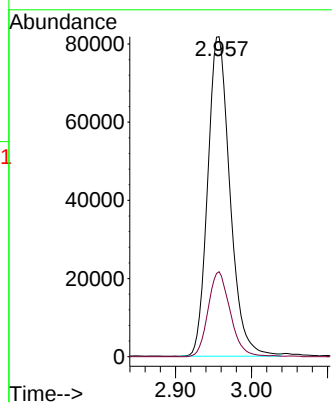


#15
Methyl Acetate
Concen: 52.317 ug/L
RT: 2.957 min Scan# 503
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Instrument :
MSVOA_U
ClientSampleId :

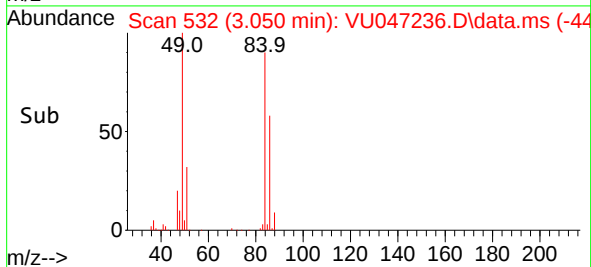
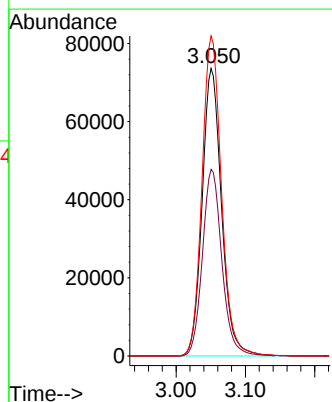
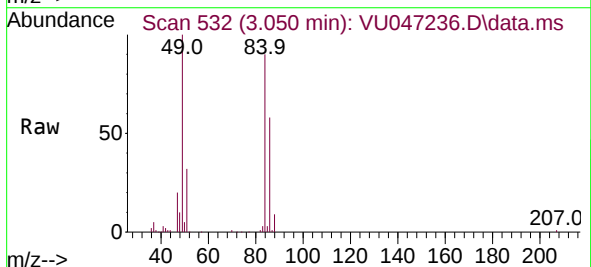


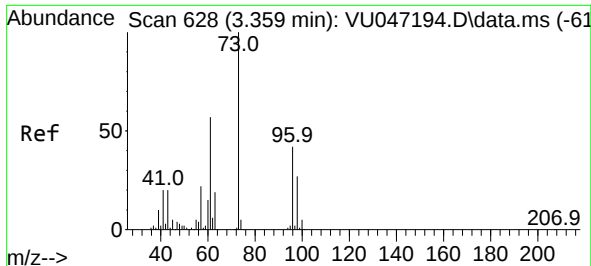
Tgt Ion: 43 Resp: 166028
Ion Ratio Lower Upper
43 100
74 26.4 22.3 33.5



#16
Methylene chloride
Concen: 54.118 ug/L
RT: 3.050 min Scan# 532
Delta R.T. -0.003 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion: 84 Resp: 143126
Ion Ratio Lower Upper
84 100
86 64.9 44.7 82.9
49 111.3 75.9 141.1

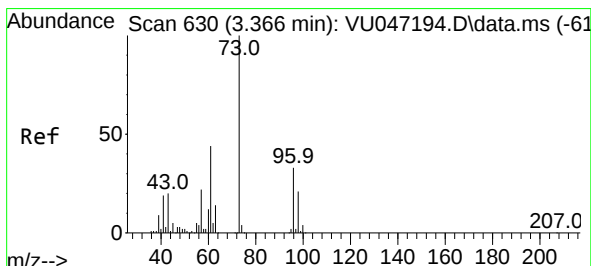
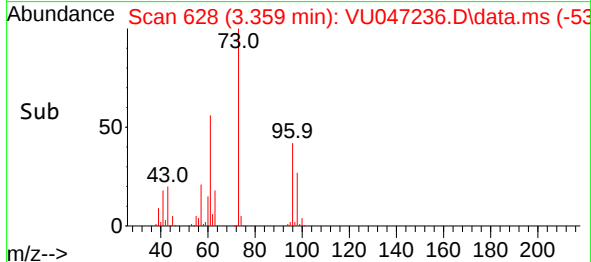
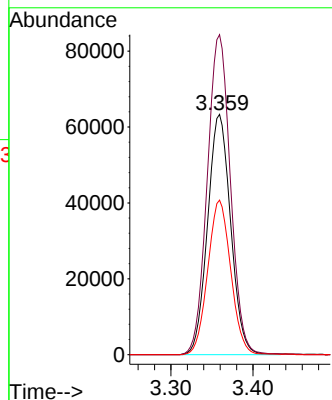
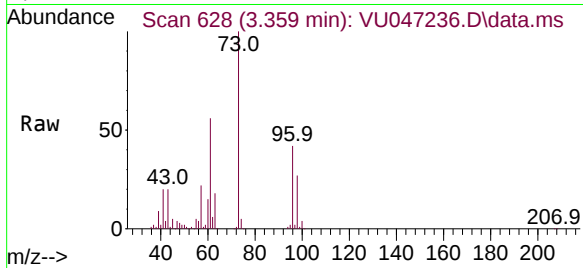




#17
trans-1,2-Dichloroethene
Concen: 49.441 ug/L
RT: 3.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

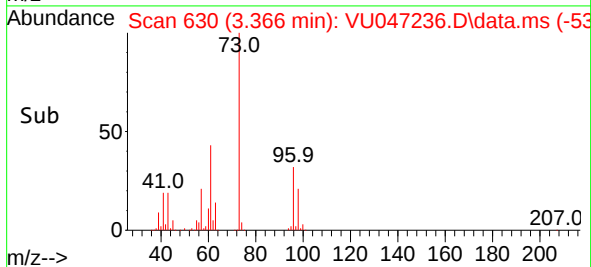
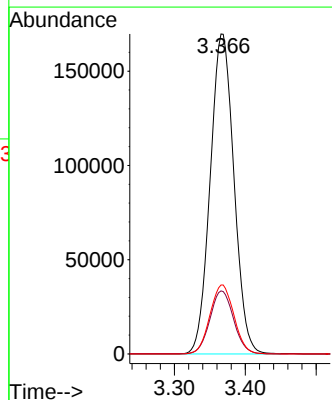
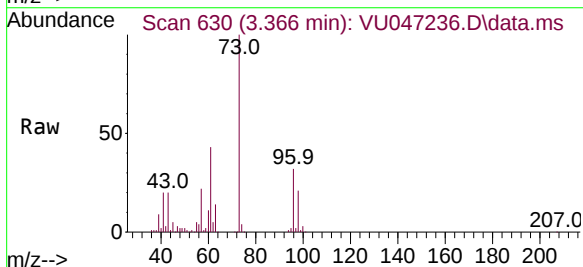
Instrument :
MSVOA_U
ClientSampleId :

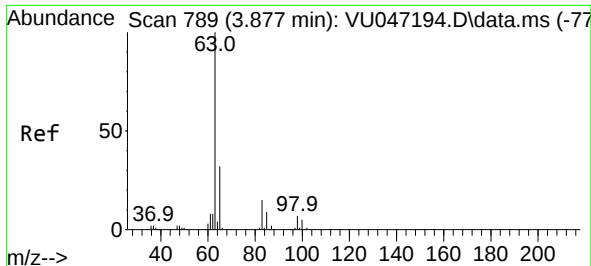
Tgt Ion: 96 Resp: 124146
Ion Ratio Lower Upper
96 100
61 133.2 92.5 171.9
98 64.4 42.4 78.6



#18
Methyl tert-butyl Ether
Concen: 46.467 ug/L
RT: 3.366 min Scan# 630
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion: 73 Resp: 394579
Ion Ratio Lower Upper
73 100
43 19.6 14.1 21.1
57 21.8 16.4 24.6





#19

1,1-Dichloroethane

Concen: 48.224 ug/L

RT: 3.874 min Scan# 789

Delta R.T. -0.003 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

Instrument :

MSVOA_U

ClientSampleId :

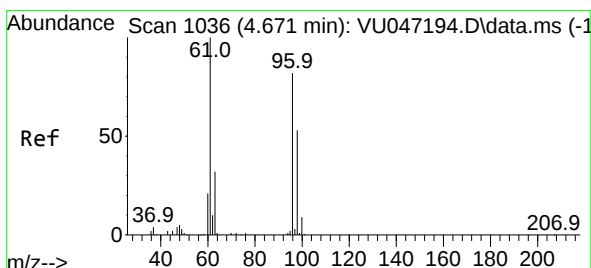
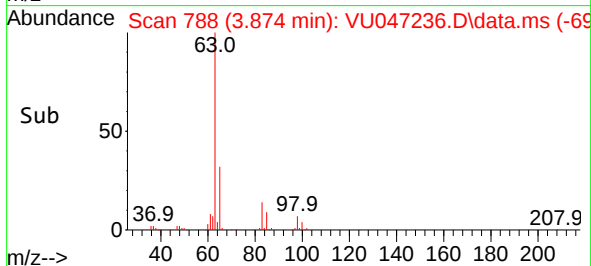
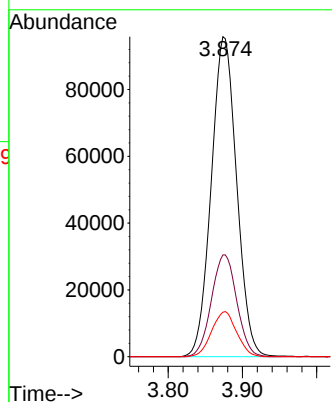
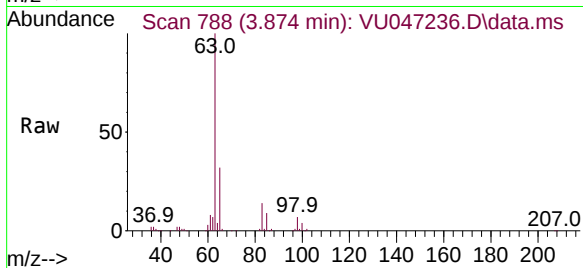
Tgt Ion: 63 Resp: 227415

Ion Ratio Lower Upper

63 100

65 31.8 22.8 42.4

83 13.9 9.6 17.8



#20

cis-1,2-Dichloroethene

Concen: 50.607 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

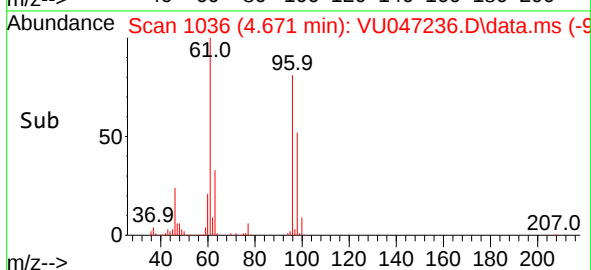
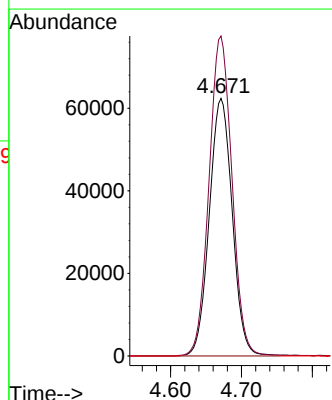
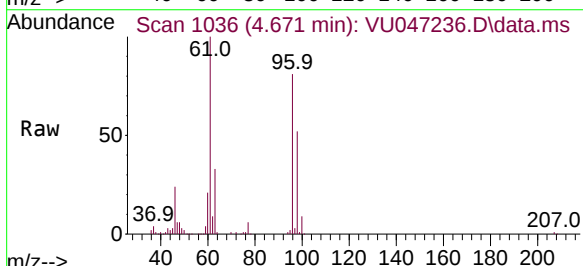
Tgt Ion: 96 Resp: 140558

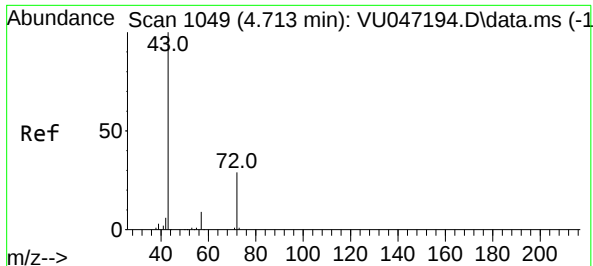
Ion Ratio Lower Upper

96 100

61 124.2 86.0 159.6

68 0.0 0.0 0.0





#22

2-Butanone

Concen: 105.769 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

Instrument :

MSVOA_U

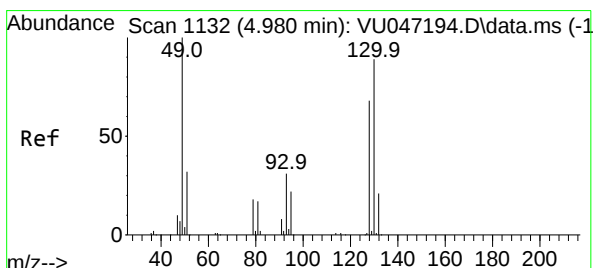
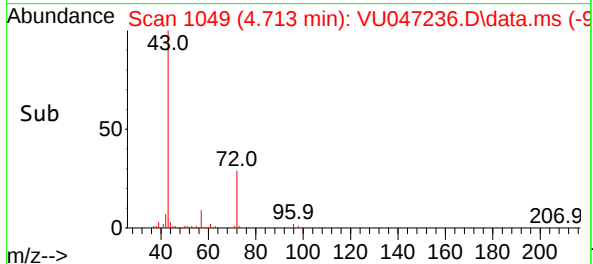
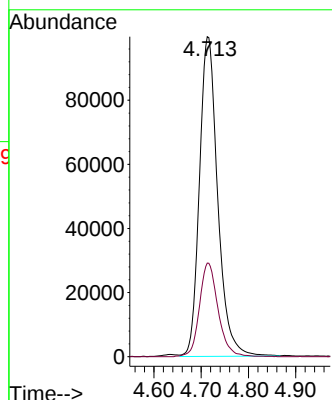
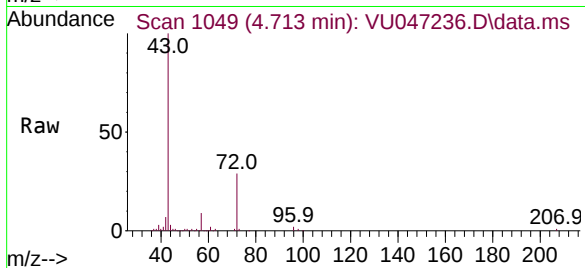
ClientSampleId :

Tgt Ion: 43 Resp: 267630

Ion Ratio Lower Upper

43 100

72 29.8 15.6 46.8



#23

Bromochloromethane

Concen: 50.441 ug/L

RT: 4.980 min Scan# 1132

Delta R.T. -0.000 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

Tgt Ion: 128 Resp: 74298

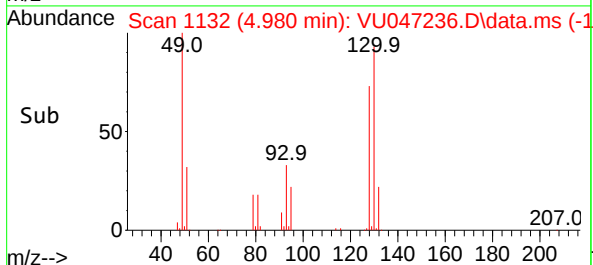
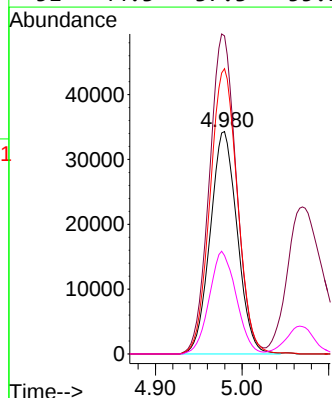
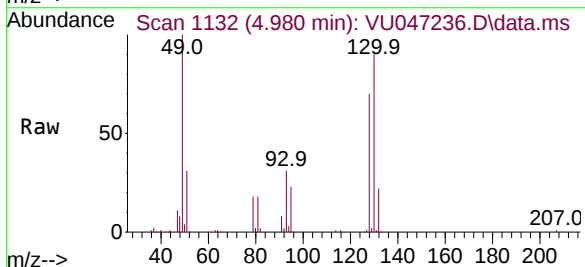
Ion Ratio Lower Upper

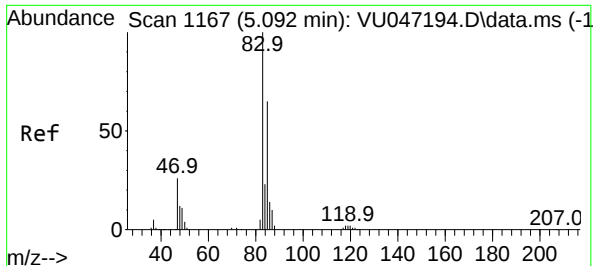
128 100

49 143.0 105.4 195.8

130 128.3 88.7 164.7

51 44.3 37.3 55.9





#25

Chloroform

Concen: 51.181 ug/L

RT: 5.092 min Scan# 1167

Delta R.T. -0.000 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

Instrument :

MSVOA_U

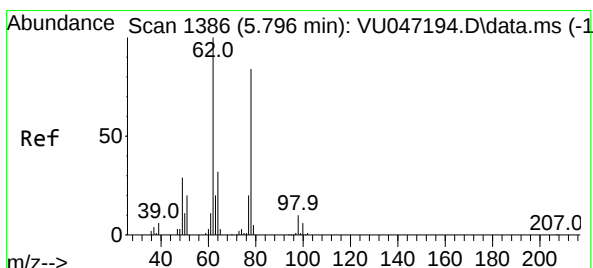
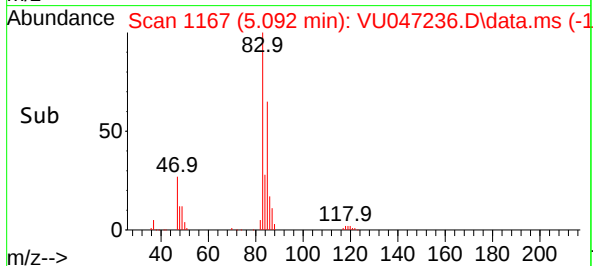
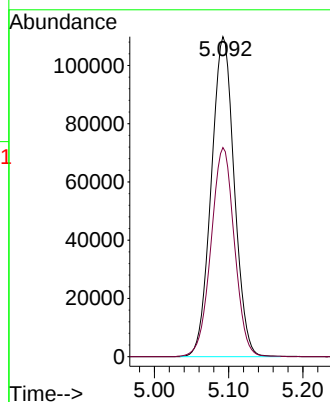
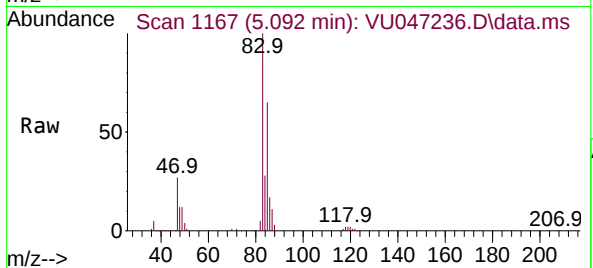
ClientSampleId :

Tgt Ion: 83 Resp: 236428

Ion Ratio Lower Upper

83 100

85 65.4 45.7 84.9



#27

1,2-Dichloroethane

Concen: 50.926 ug/L

RT: 5.796 min Scan# 1386

Delta R.T. -0.000 min

Lab File: VU047236.D

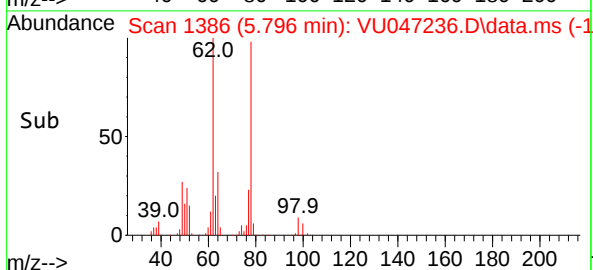
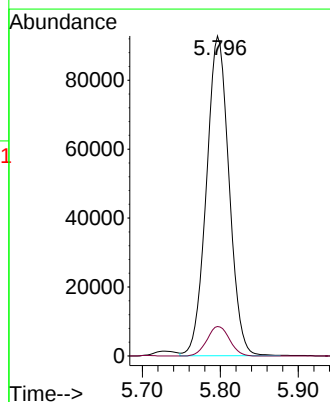
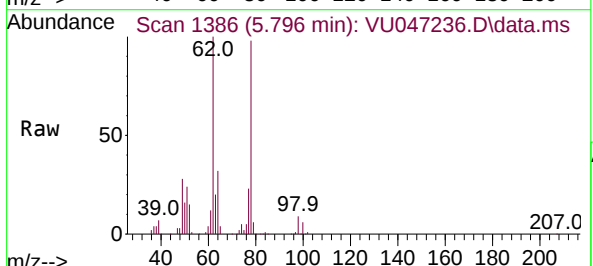
Acq: 22 Feb 2022 16:59

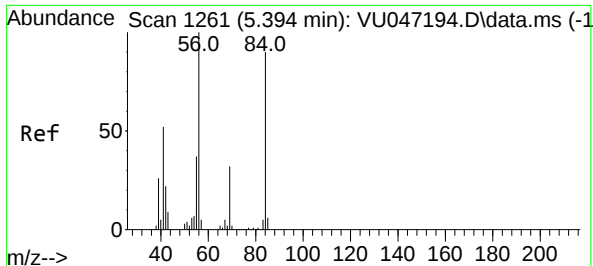
Tgt Ion: 62 Resp: 186924

Ion Ratio Lower Upper

62 100

98 9.2 7.7 11.5





#29

Cyclohexane

Concen: 42.877 ug/L

RT: 5.394 min Scan# 1261

Delta R.T. -0.000 min

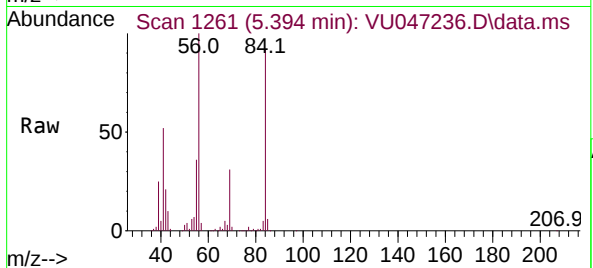
Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

Instrument :

MSVOA_U

ClientSampleId :



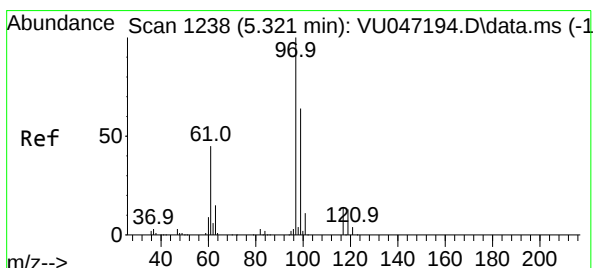
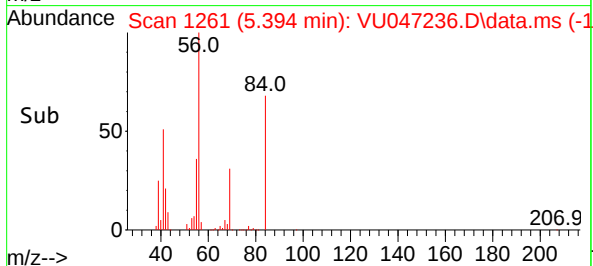
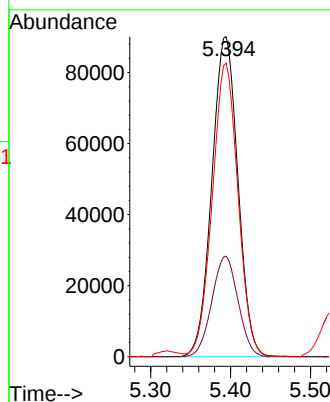
Tgt Ion: 56 Resp: 203663

Ion Ratio Lower Upper

56 100

69 31.6 25.8 38.6

84 90.6 74.2 111.2



#30

1,1,1-Trichloroethane

Concen: 47.304 ug/L

RT: 5.320 min Scan# 1238

Delta R.T. -0.000 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

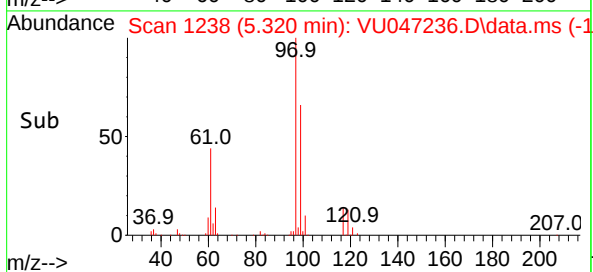
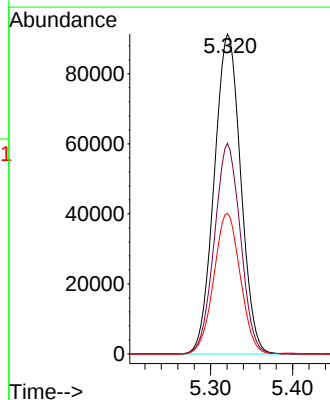
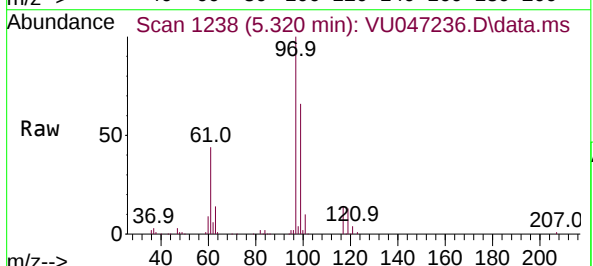
Tgt Ion: 97 Resp: 205348

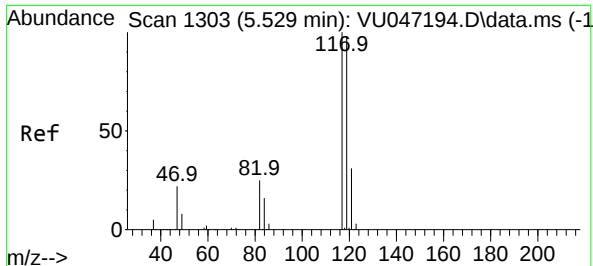
Ion Ratio Lower Upper

97 100

99 64.8 51.1 76.7

61 43.9 34.1 51.1

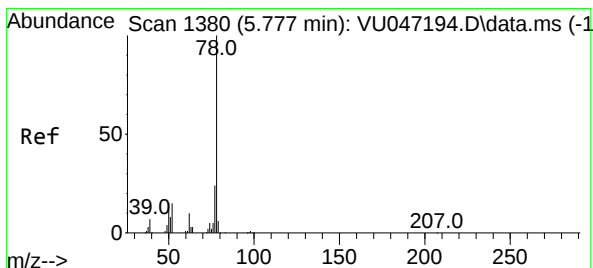
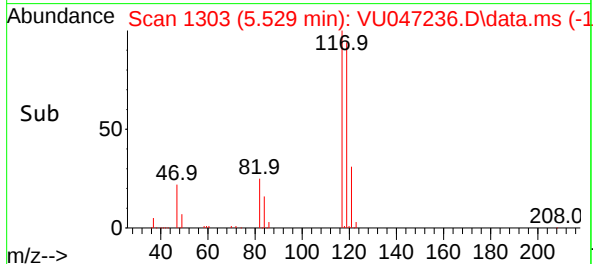
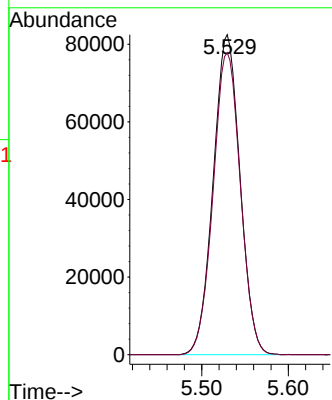
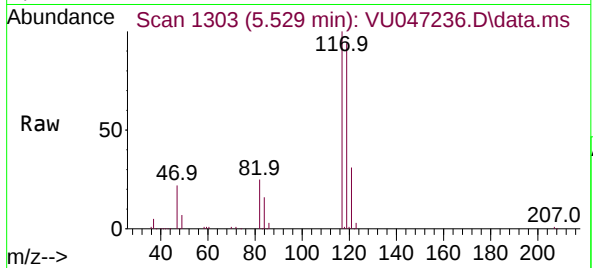




#31
Carbon tetrachloride
Concen: 47.130 ug/L
RT: 5.529 min Scan# 117
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

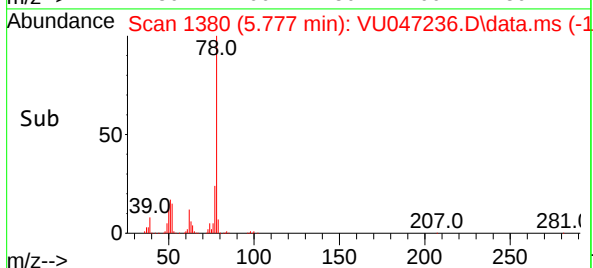
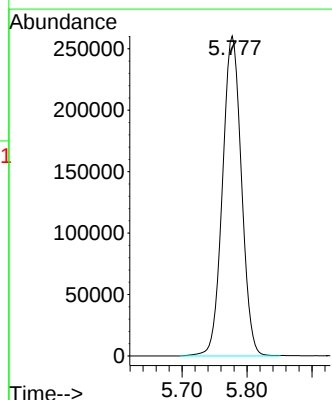
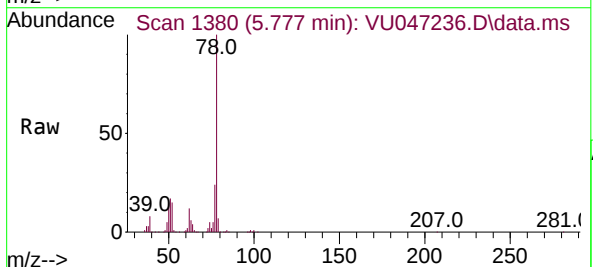
Instrument :
MSVOA_U
ClientSampleId :

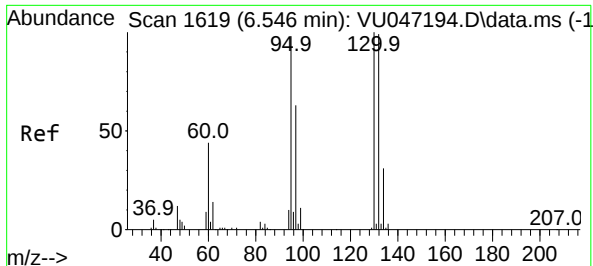
Tgt Ion:117 Resp: 177389
Ion Ratio Lower Upper
117 100
119 95.9 77.5 116.3



#33
Benzene
Concen: 46.652 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion: 78 Resp: 527355

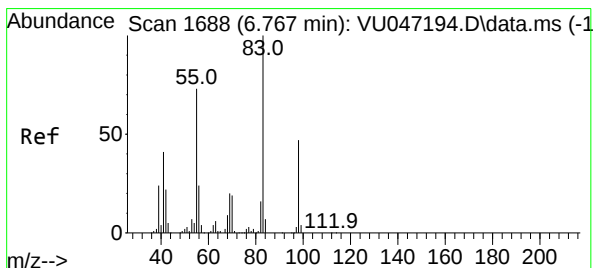
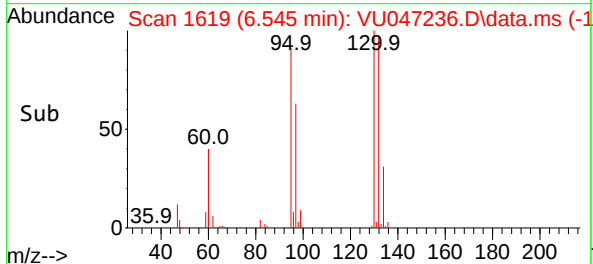
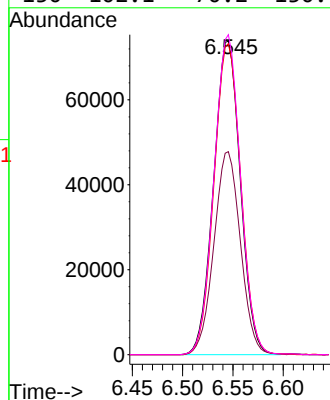
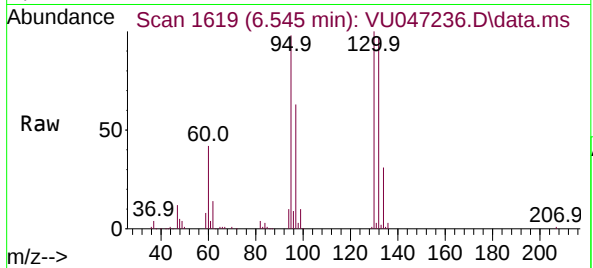




#34
Trichloroethene
Concen: 46.535 ug/L
RT: 6.545 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

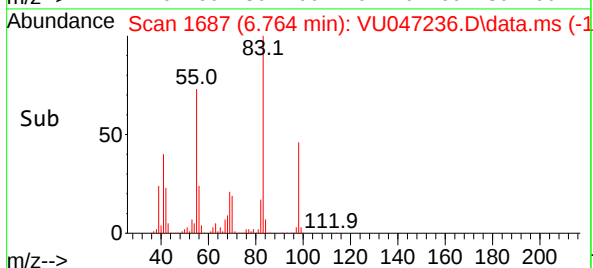
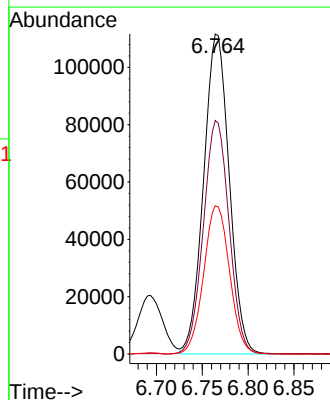
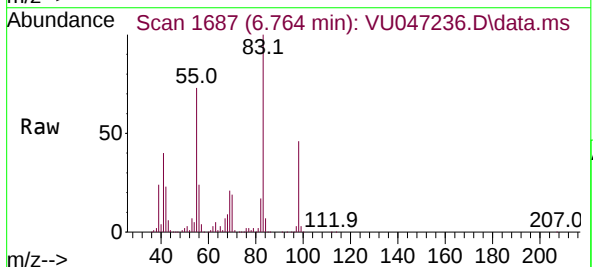
Instrument :
MSVOA_U
ClientSampleId :

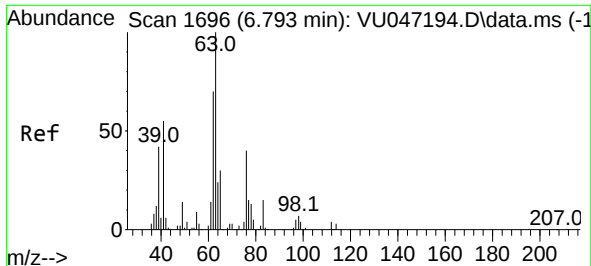
Tgt Ion: 95 Resp: 136641
Ion Ratio Lower Upper
95 100
97 64.8 45.1 83.7
132 99.2 66.7 123.9
130 102.1 70.2 130.4



#35
Methylcyclohexane
Concen: 44.025 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.003 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion: 83 Resp: 216906
Ion Ratio Lower Upper
83 100
55 73.0 56.6 85.0
98 46.9 38.4 57.6





#37

1,2-Dichloropropane

Concen: 45.339 ug/L

RT: 6.793 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

Instrument :

MSVOA_U

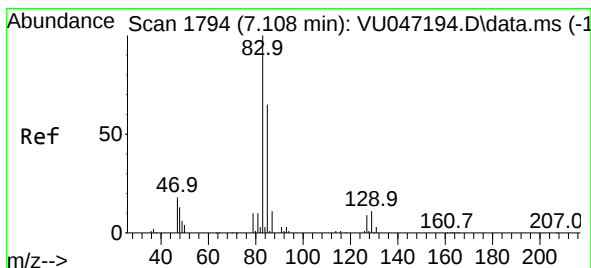
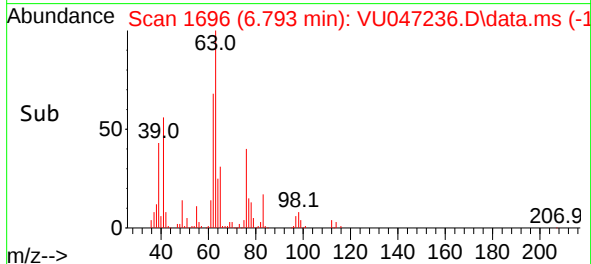
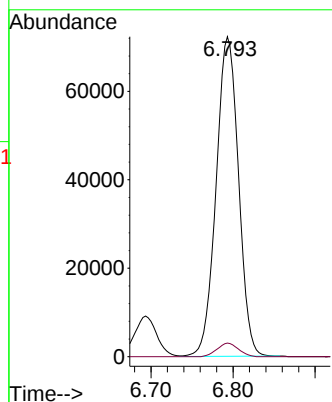
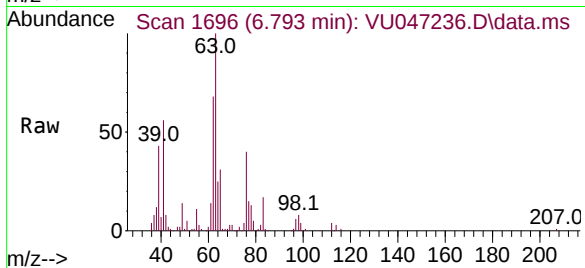
ClientSampleId :

Tgt Ion: 63 Resp: 137283

Ion Ratio Lower Upper

63 100

112 4.1 3.7 5.5



#38

Bromodichloromethane

Concen: 47.092 ug/L

RT: 7.108 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

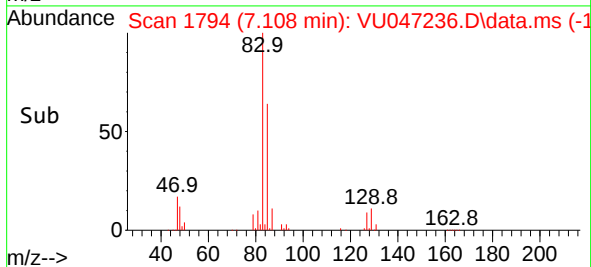
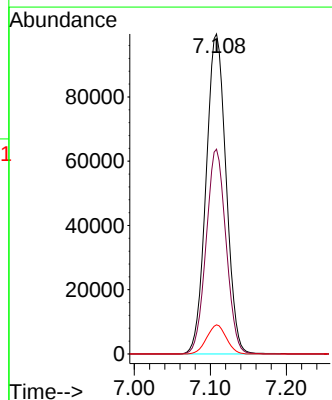
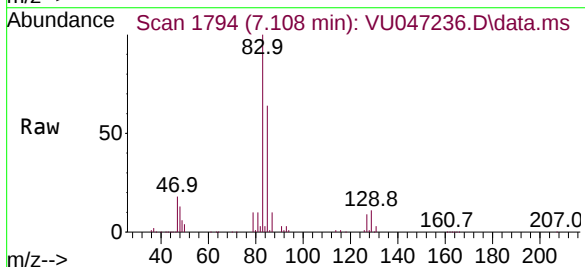
Tgt Ion: 83 Resp: 181741

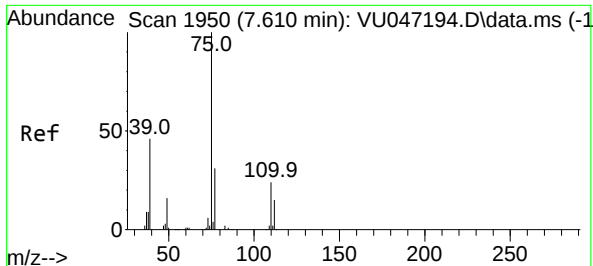
Ion Ratio Lower Upper

83 100

85 64.0 45.0 83.6

127 9.1 7.3 10.9





#39

cis-1,3-Dichloropropene

Concen: 46.179 ug/L

RT: 7.610 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

Instrument :

MSVOA_U

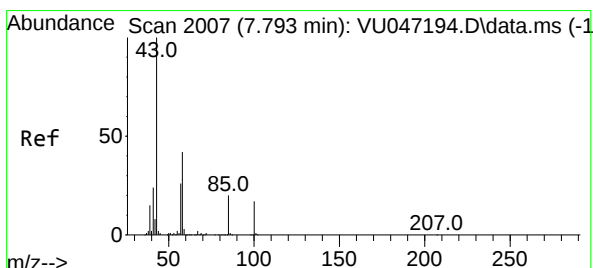
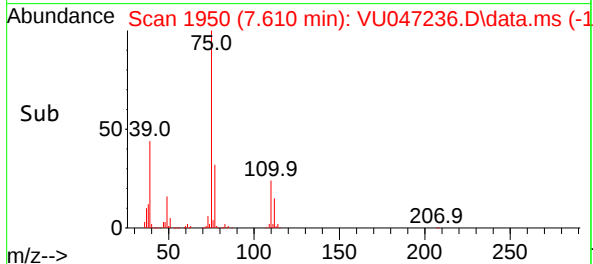
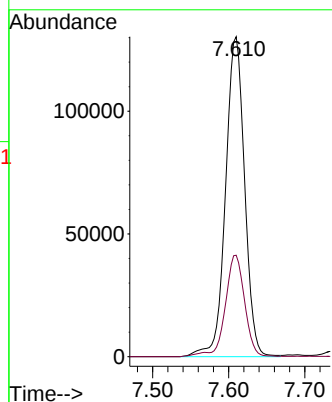
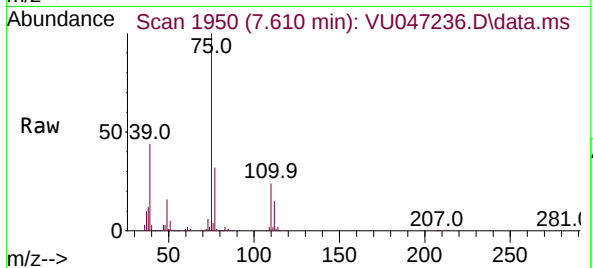
ClientSampleId :

Tgt Ion: 75 Resp: 227255

Ion Ratio Lower Upper

75 100

77 31.7 22.3 41.3



#40

4-Methyl-2-pentanone

Concen: 97.447 ug/L

RT: 7.793 min Scan# 2007

Delta R.T. -0.000 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

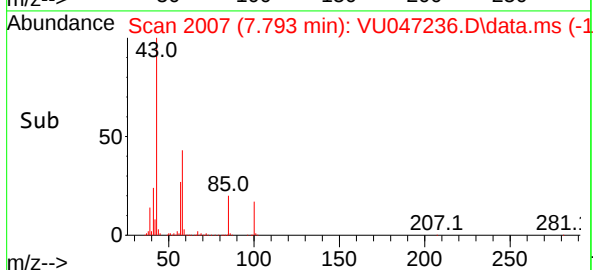
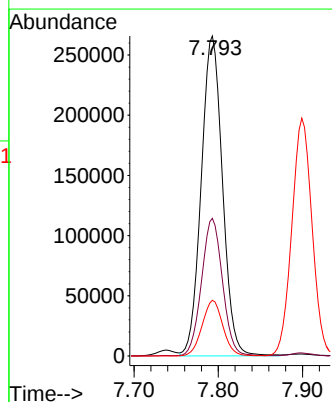
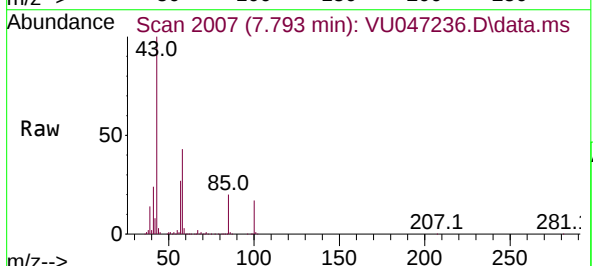
Tgt Ion: 43 Resp: 467252

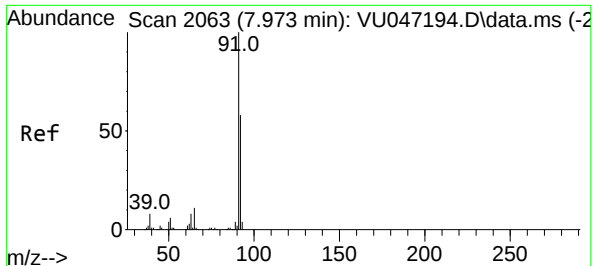
Ion Ratio Lower Upper

43 100

58 42.5 35.8 53.8

100 17.0 15.7 23.5





#42

Toluene

Concen: 46.819 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. -0.003 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

Instrument :

MSVOA_U

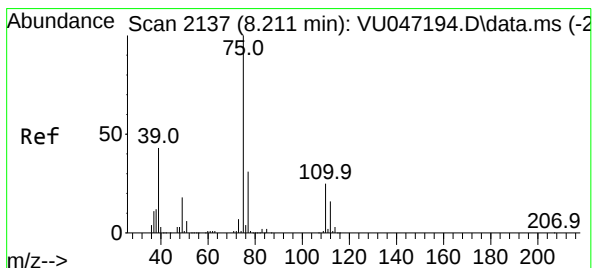
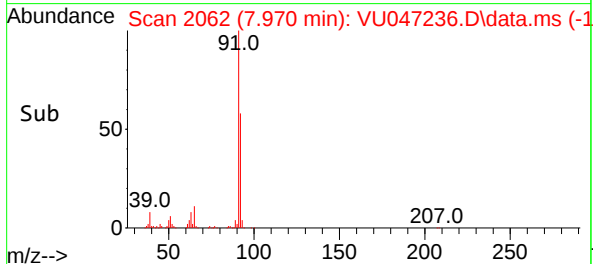
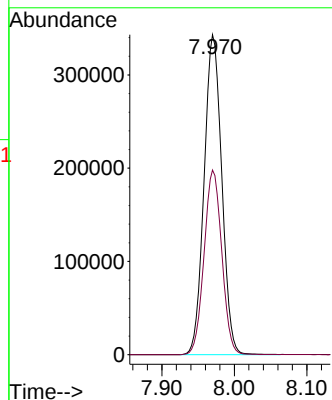
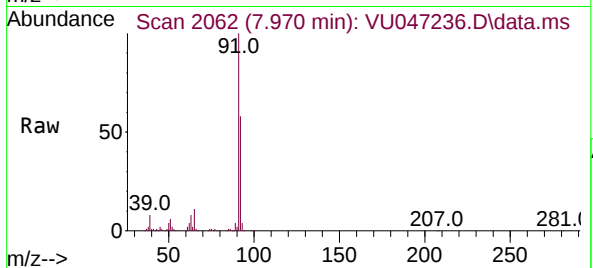
ClientSampleId :

Tgt Ion: 91 Resp: 581299

Ion Ratio Lower Upper

91 100

92 57.7 40.4 75.0



#44

trans-1,3-Dichloropropene

Concen: 46.618 ug/L

RT: 8.211 min Scan# 2137

Delta R.T. -0.000 min

Lab File: VU047236.D

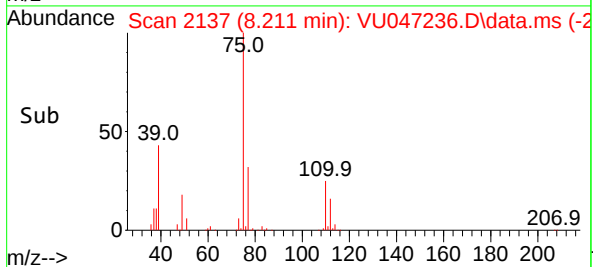
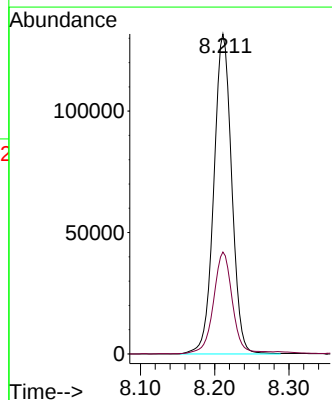
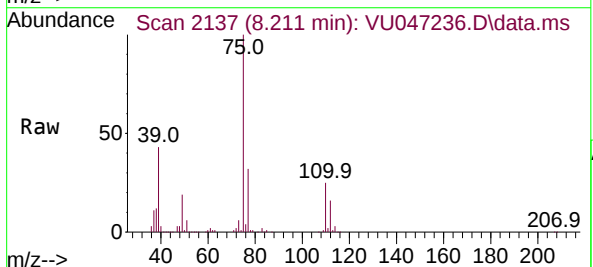
Acq: 22 Feb 2022 16:59

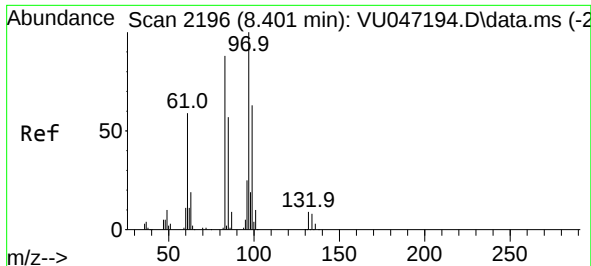
Tgt Ion: 75 Resp: 220430

Ion Ratio Lower Upper

75 100

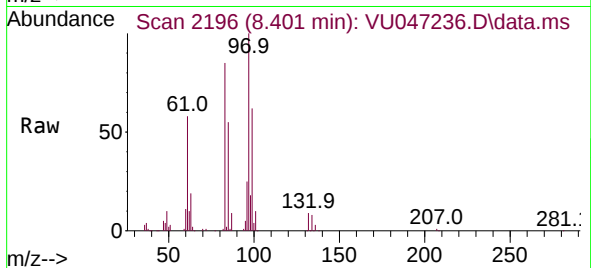
77 31.8 23.0 42.8





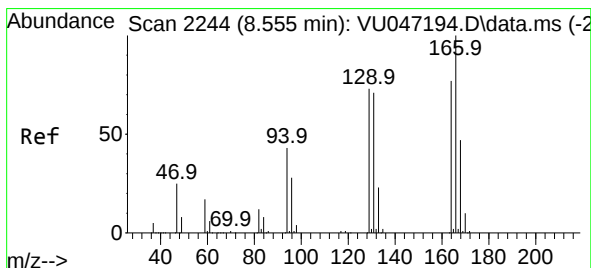
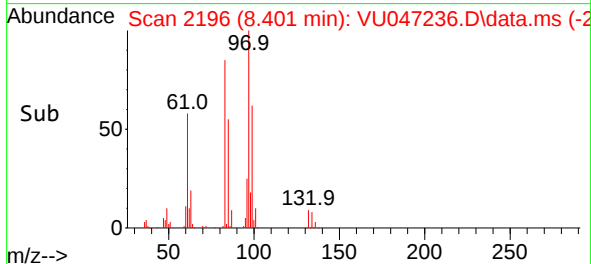
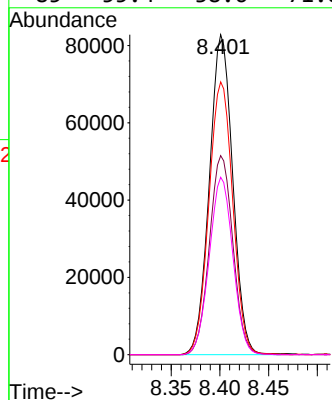
#45
1,1,2-Trichloroethane
Concen: 48.486 ug/L
RT: 8.401 min Scan# 2196
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 97 Resp: 138275

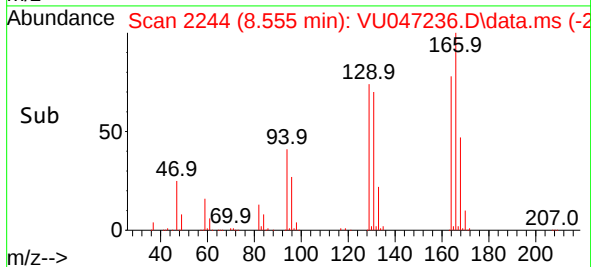
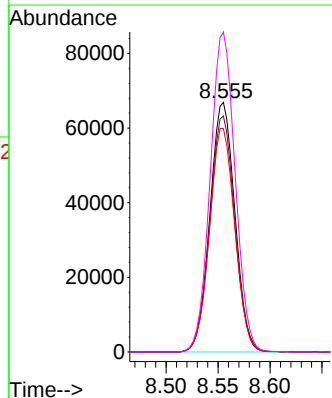
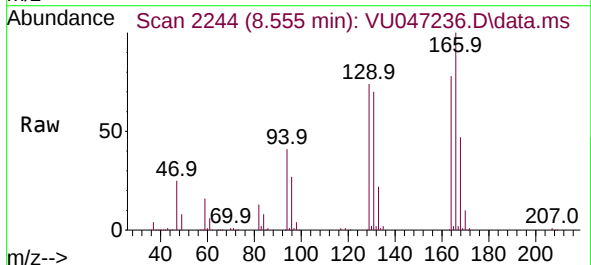
Ion	Ratio	Lower	Upper
97	100		
99	62.2	42.4	78.8
83	85.2	59.4	110.4
85	55.4	38.6	71.8

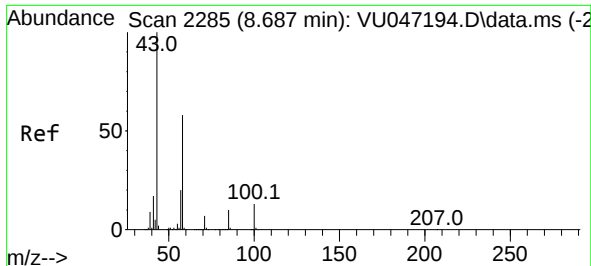


#46
Tetrachloroethene
Concen: 47.385 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion: 164 Resp: 111927

Ion	Ratio	Lower	Upper
164	100		
129	94.5	69.5	129.1
131	89.5	67.0	124.4
166	128.2	90.6	168.2

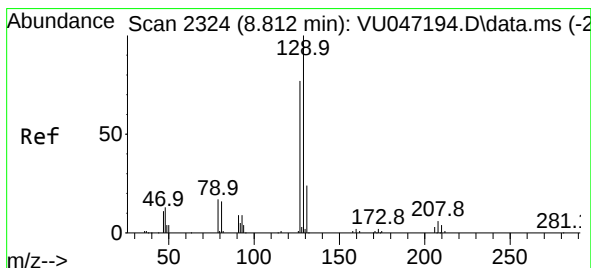
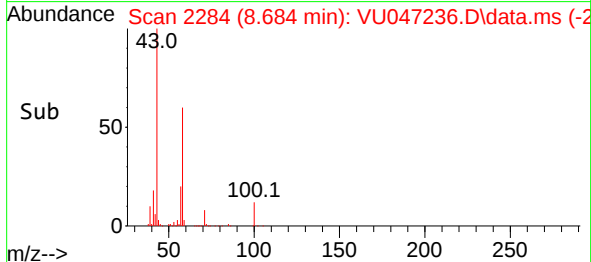
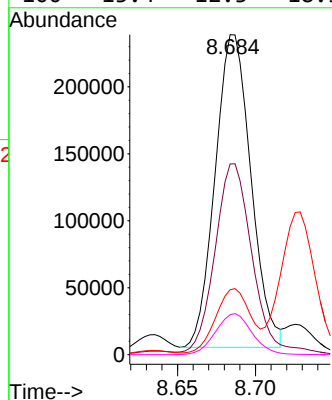
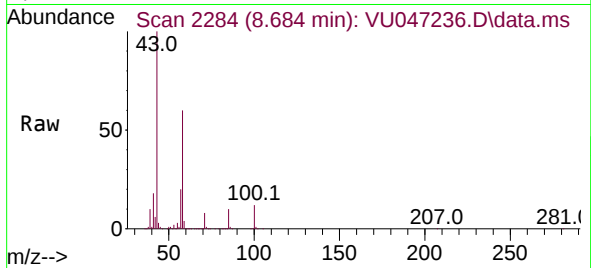




#48
2-Hexanone
Concen: 94.090 ug/L
RT: 8.684 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

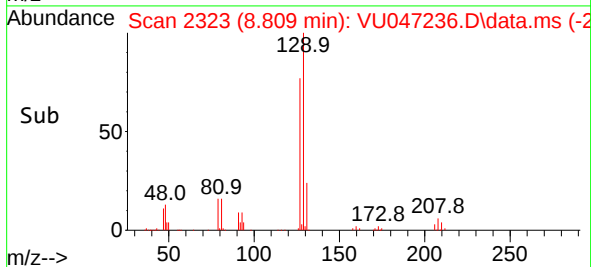
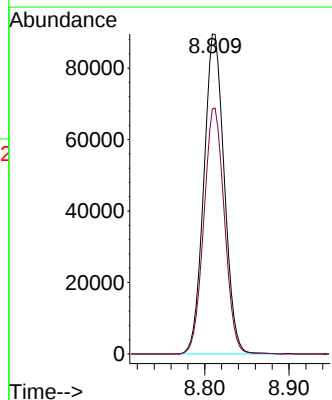
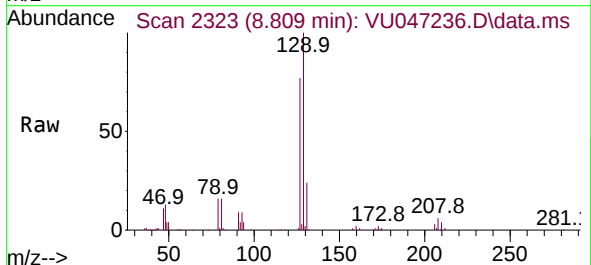
Instrument :
MSVOA_U
ClientSampleId :

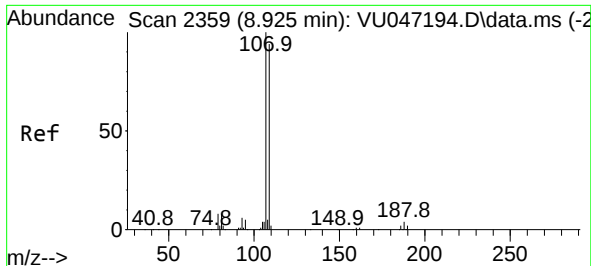
Tgt Ion: 43 Resp: 373098
Ion Ratio Lower Upper
43 100
58 63.8 49.4 74.2
57 20.8 17.5 26.3
100 13.4 12.3 18.5



#49
Dibromochloromethane
Concen: 45.807 ug/L
RT: 8.809 min Scan# 2323
Delta R.T. -0.003 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion: 129 Resp: 151139
Ion Ratio Lower Upper
129 100
127 76.6 54.5 101.3





#50

1,2-Dibromoethane

Concen: 49.098 ug/L

RT: 8.925 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

Instrument :

MSVOA_U

ClientSampleId :

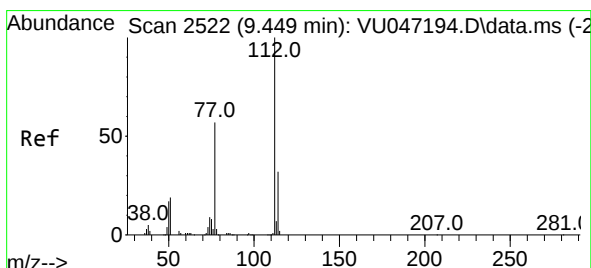
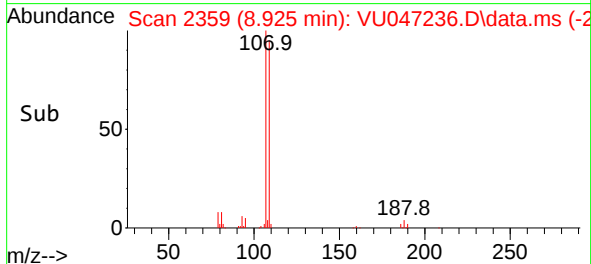
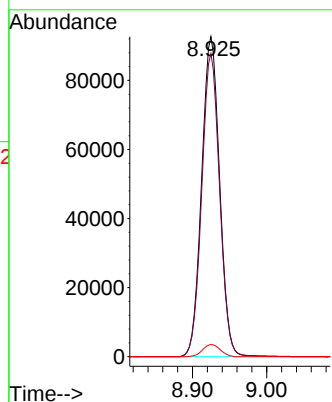
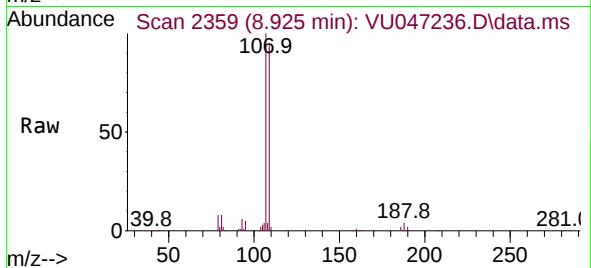
Tgt Ion:107 Resp: 155537

Ion Ratio Lower Upper

107 100

109 94.7 65.6 121.8

188 3.8 3.1 4.7



#51

Chlorobenzene

Concen: 46.877 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.003 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

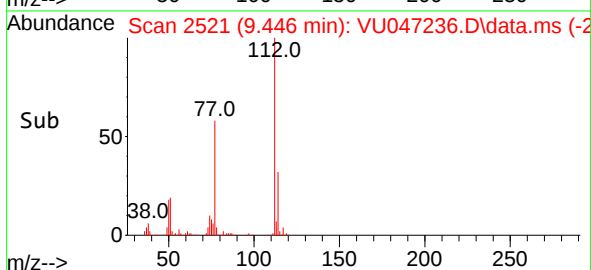
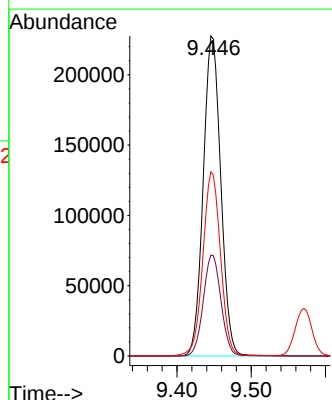
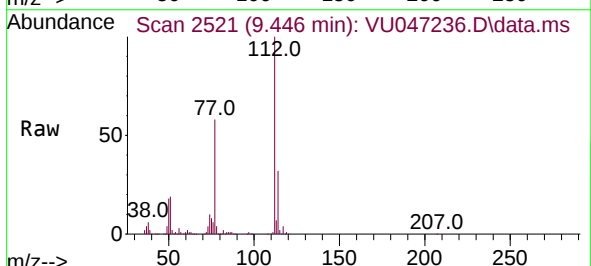
Tgt Ion:112 Resp: 373190

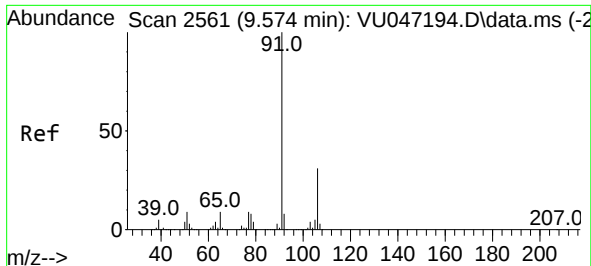
Ion Ratio Lower Upper

112 100

114 31.6 22.1 41.1

77 57.6 46.5 69.7

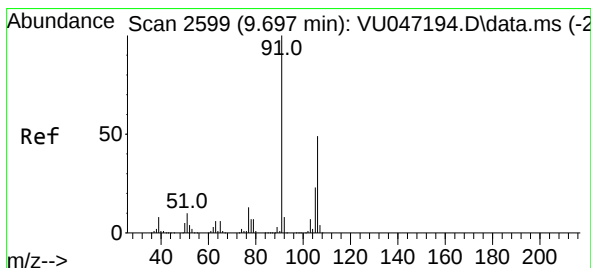
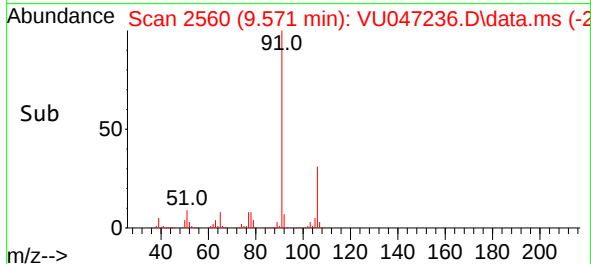
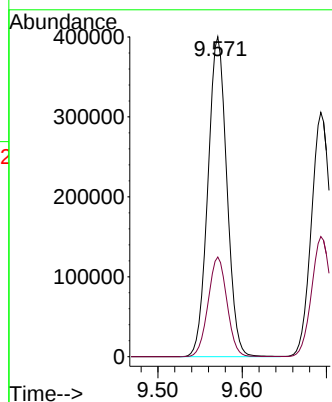
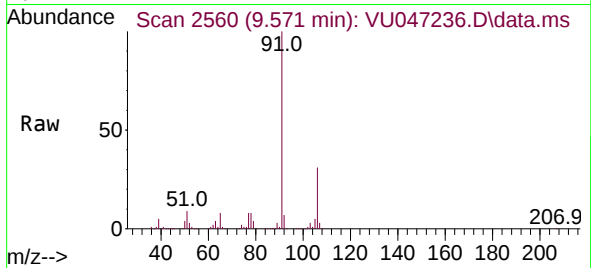




#52
Ethylbenzene
Concen: 46.014 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.003 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

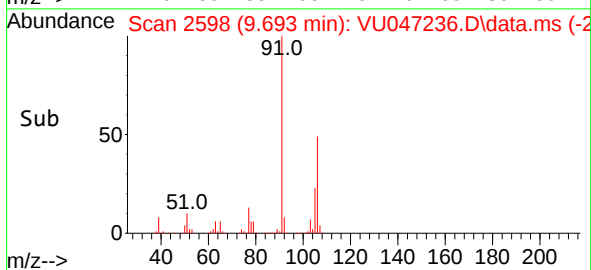
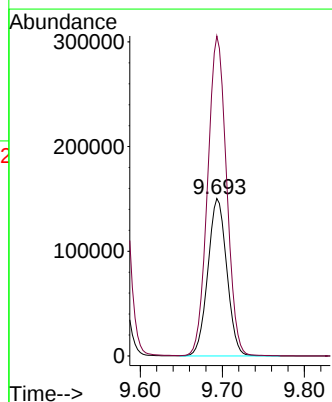
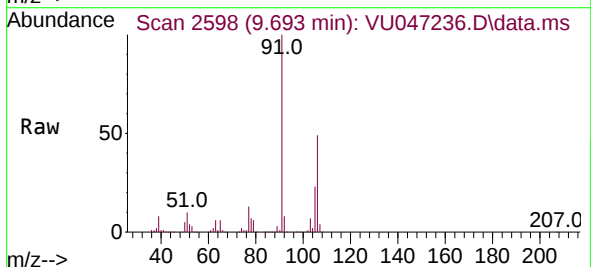
Instrument :
MSVOA_U
ClientSampleId :

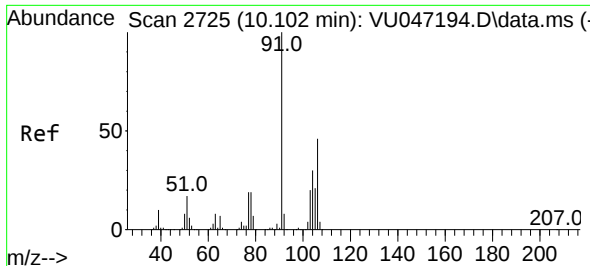
Tgt Ion: 91 Resp: 625256
Ion Ratio Lower Upper
91 100
106 31.2 21.8 40.4



#53
m,p-Xylene
Concen: 44.895 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion:106 Resp: 242039
Ion Ratio Lower Upper
106 100
91 203.3 145.5 270.1

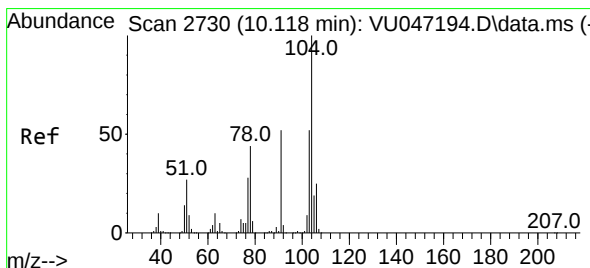
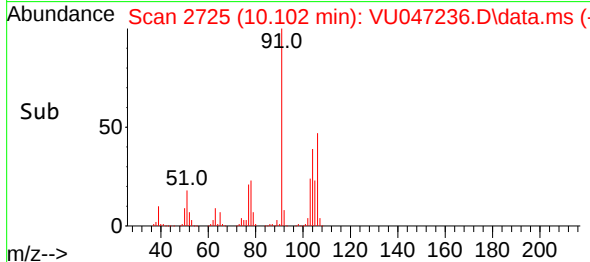
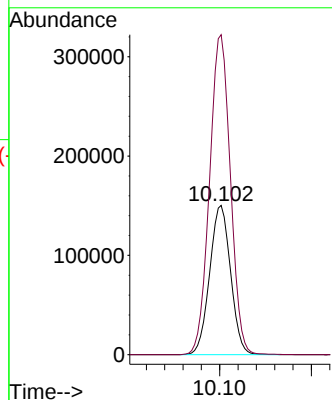
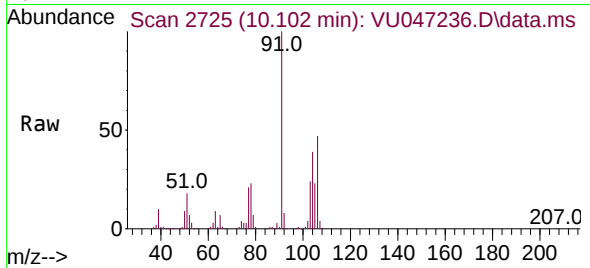




#54
o-xylene
Concen: 44.797 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

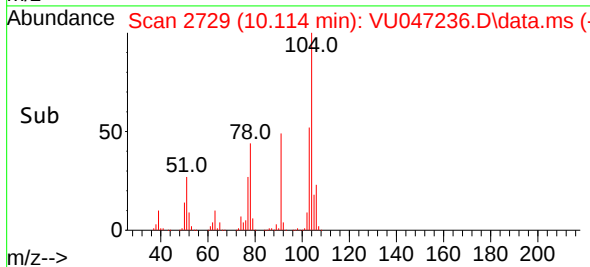
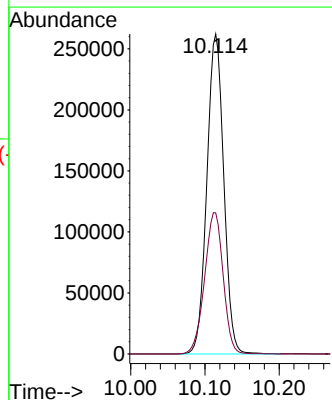
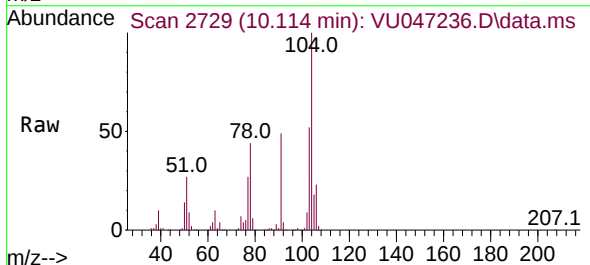
Instrument :
MSVOA_U
ClientSampleId :

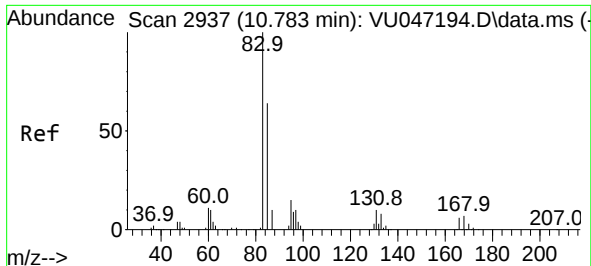
Tgt Ion:106 Resp: 237797
Ion Ratio Lower Upper
106 100
91 214.4 152.0 282.2



#55
Styrene
Concen: 45.236 ug/L
RT: 10.114 min Scan# 2729
Delta R.T. -0.003 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion:104 Resp: 413174
Ion Ratio Lower Upper
104 100
78 44.1 32.6 60.6

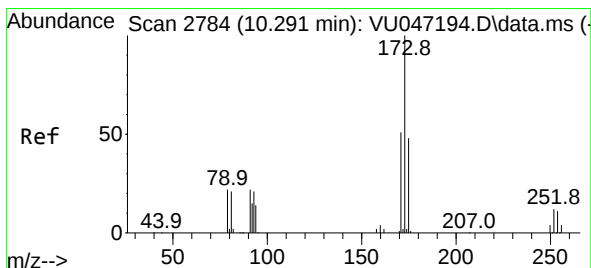
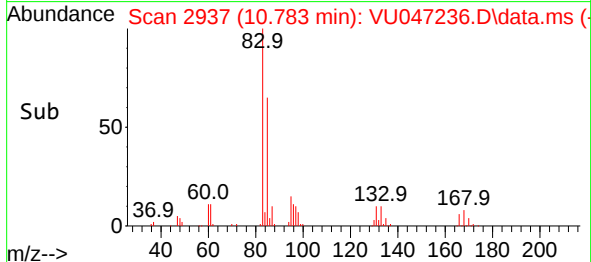
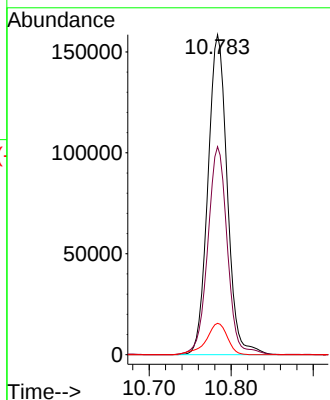
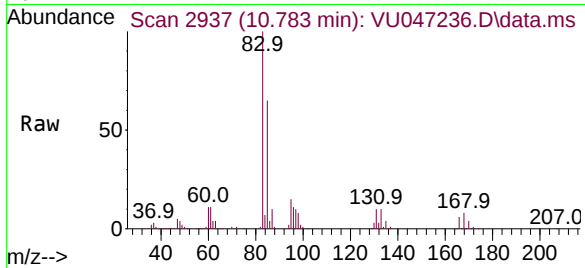




#57
1,1,2,2-Tetrachloroethane
Concen: 51.565 ug/L
RT: 10.783 min Scan# 2937
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

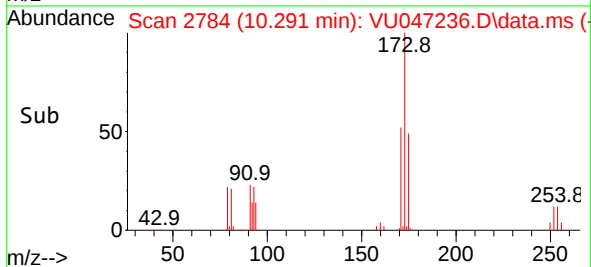
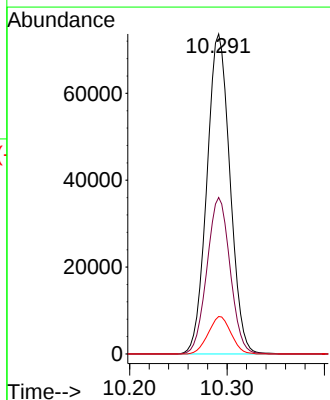
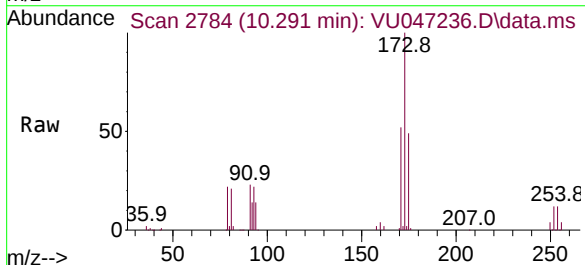
Instrument :
MSVOA_U
ClientSampleId :

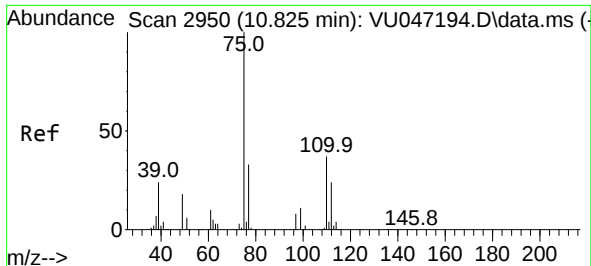
Tgt Ion: 83 Resp: 259247
Ion Ratio Lower Upper
83 100
85 65.0 44.7 83.1
131 9.8 7.8 11.6



#59
Bromoform
Concen: 42.792 ug/L
RT: 10.291 min Scan# 2784
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion:173 Resp: 121316
Ion Ratio Lower Upper
173 100
175 49.1 37.6 56.4
254 11.5 8.1 12.1

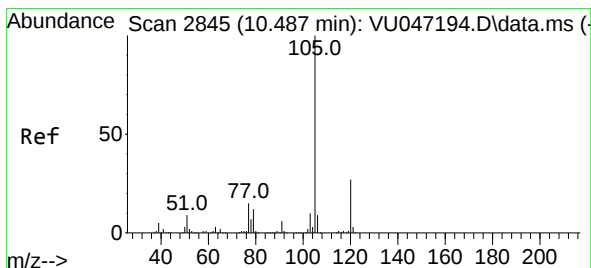
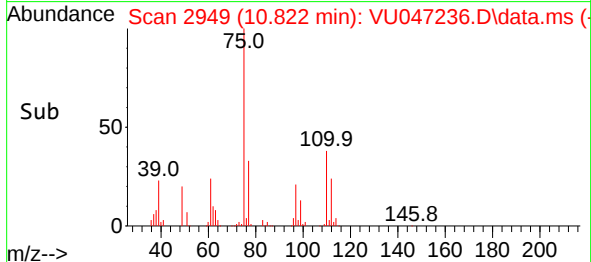
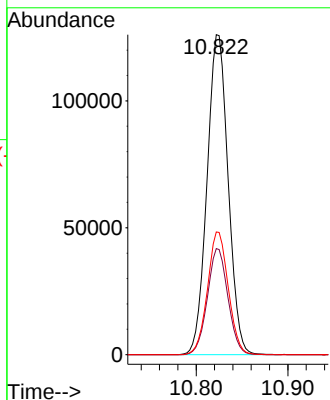
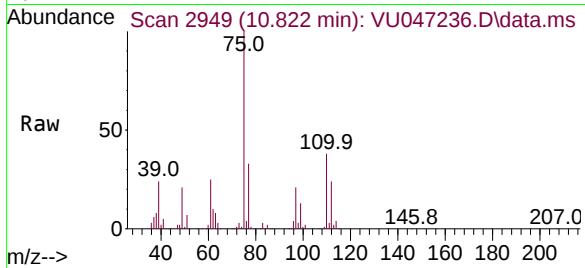




#60
1,2,3-Trichloropropane
Concen: 45.325 ug/L
RT: 10.822 min Scan# 2950
Delta R.T. -0.003 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

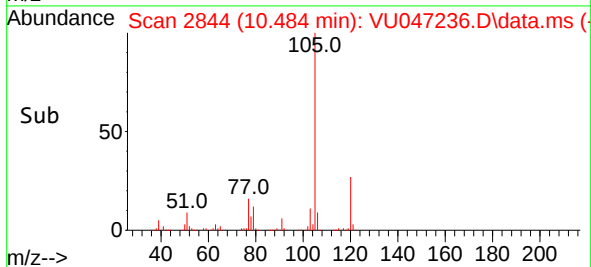
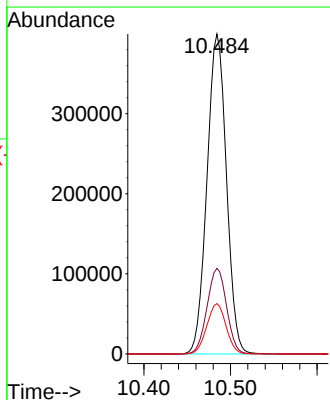
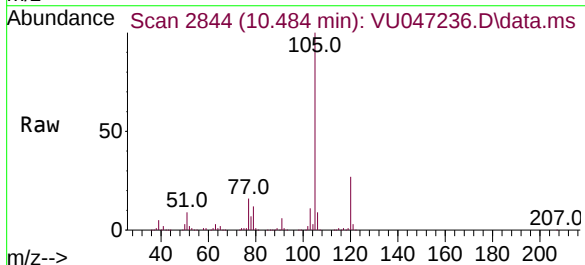
Instrument :
MSVOA_U
ClientSampleId :

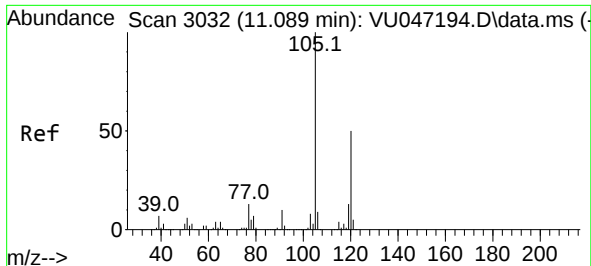
Tgt Ion: 75 Resp: 201770
Ion Ratio Lower Upper
75 100
77 32.3 26.2 39.2
110 37.8 32.5 48.7



#61
Isopropylbenzene
Concen: 42.449 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion: 105 Resp: 623148
Ion Ratio Lower Upper
105 100
120 26.8 20.6 31.0
77 15.6 12.6 18.8

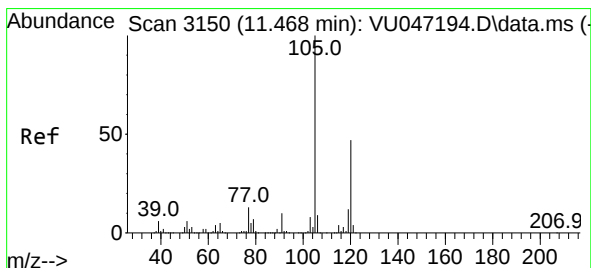
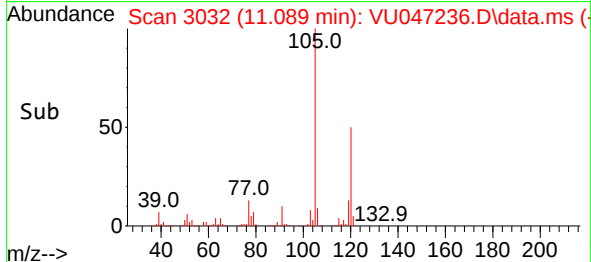
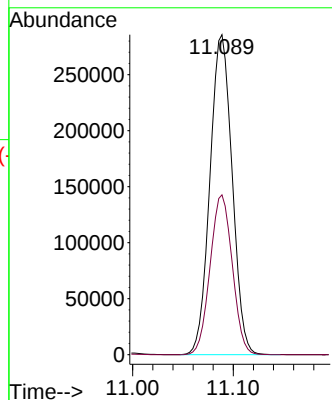
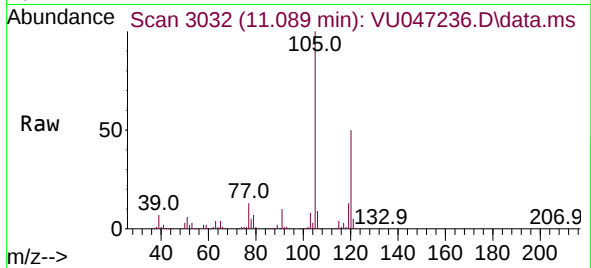




#62
1,3,5-Trimethylbenzene
Concen: 42.165 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

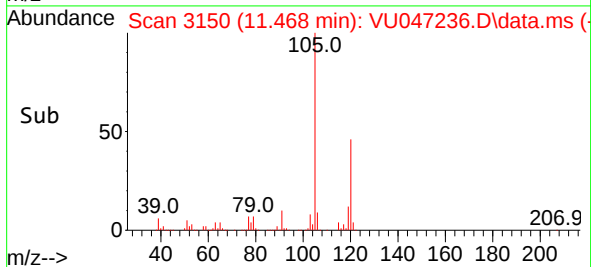
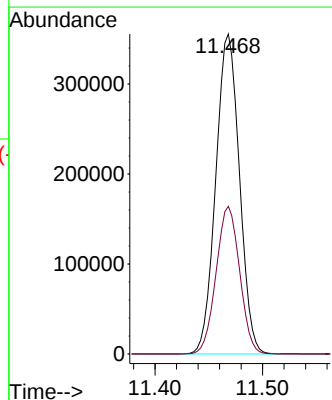
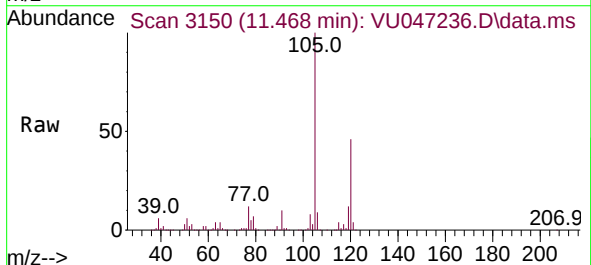
Instrument :
MSVOA_U
ClientSampleId :

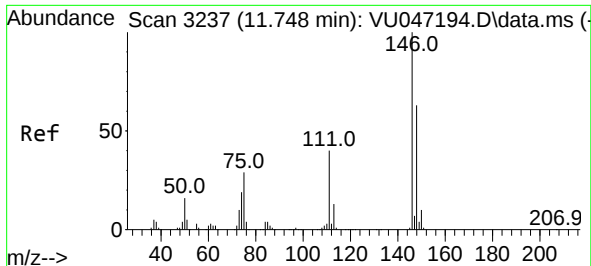
Tgt Ion:105 Resp: 438677
Ion Ratio Lower Upper
105 100
120 49.8 38.4 57.6



#63
1,2,4-Trimethylbenzene
Concen: 42.993 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion:105 Resp: 543070
Ion Ratio Lower Upper
105 100
120 45.9 35.4 53.2

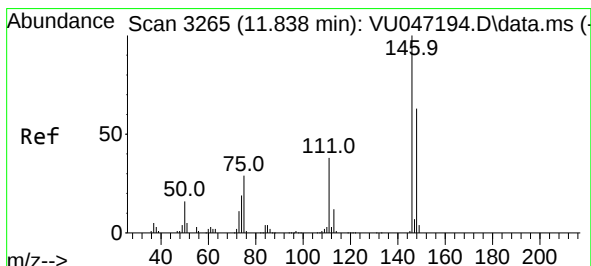
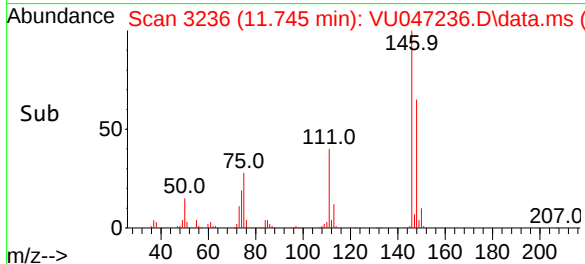
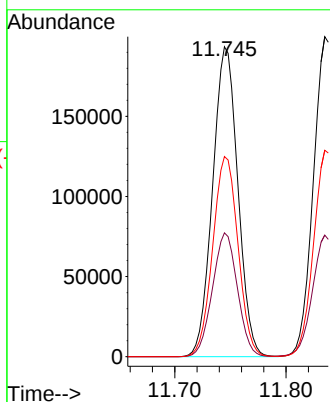
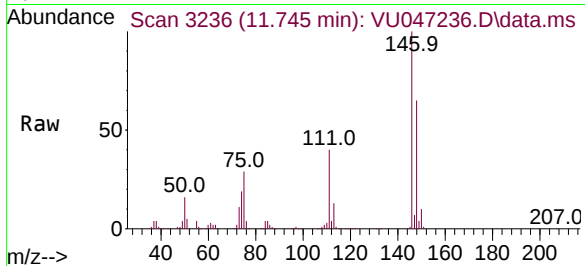




#64
1,3-Dichlorobenzene
Concen: 44.428 ug/L
RT: 11.745 min Scan# 31
Delta R.T. -0.003 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

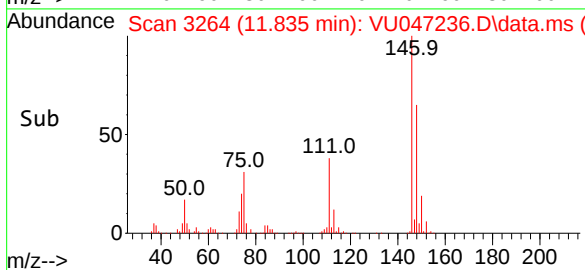
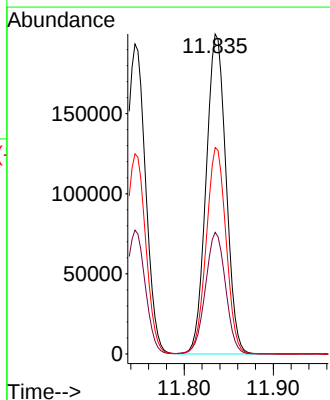
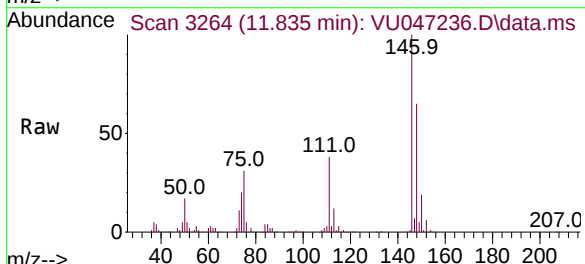
Instrument :
MSVOA_U
ClientSampleId :

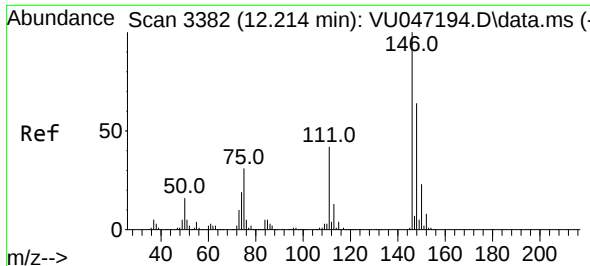
Tgt Ion:146 Resp: 304322
Ion Ratio Lower Upper
146 100
111 39.9 29.4 54.6
148 64.6 45.8 85.2



#65
1,4-Dichlorobenzene
Concen: 44.925 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion:146 Resp: 309336
Ion Ratio Lower Upper
146 100
111 38.0 28.9 53.7
148 64.5 44.5 82.7

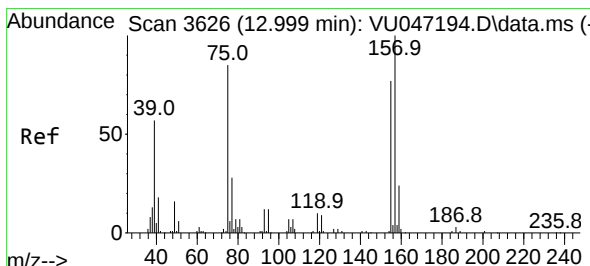
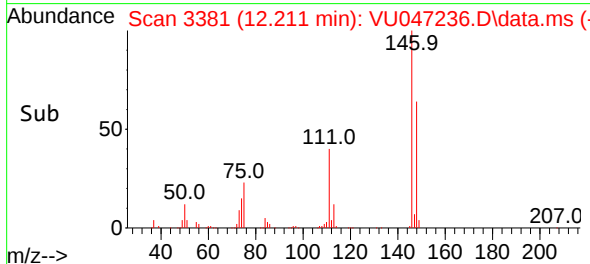
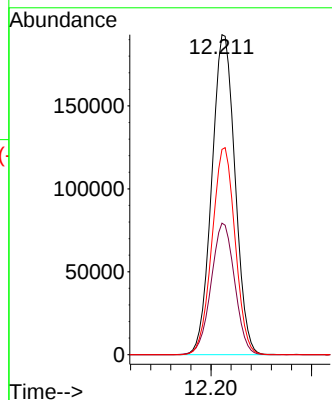
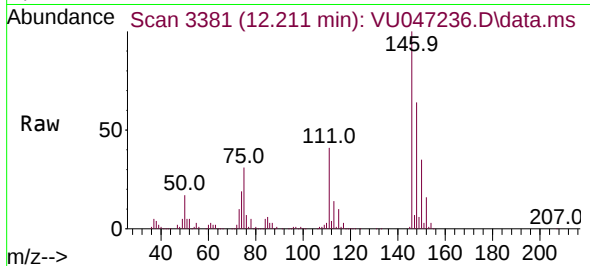




#67
 1,2-Dichlorobenzene
 Concen: 45.476 ug/L
 RT: 12.211 min Scan# 31
 Delta R.T. -0.003 min
 Lab File: VU047236.D
 Acq: 22 Feb 2022 16:59

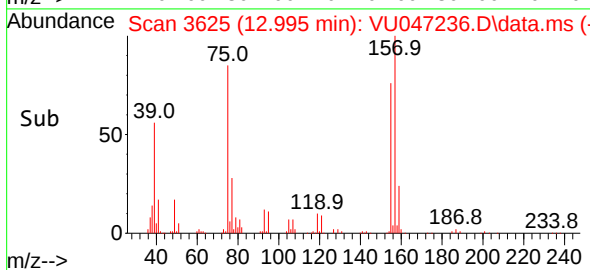
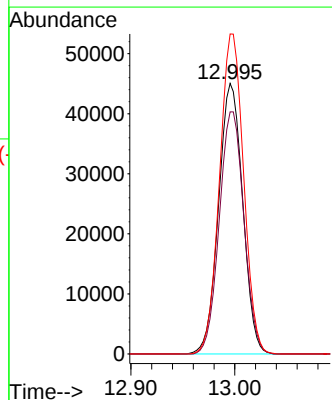
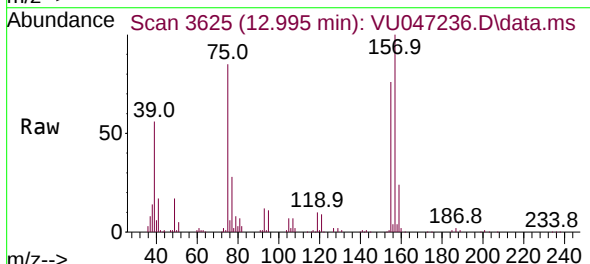
Instrument :
 MSVOA_U
 ClientSampleId :

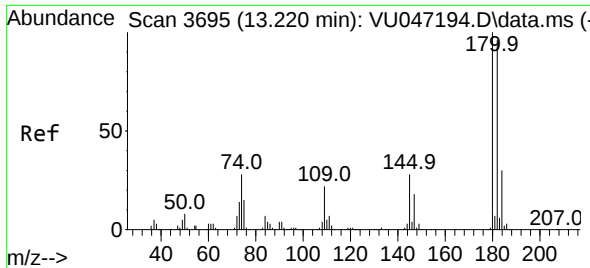
Tgt Ion:146 Resp: 309991
 Ion Ratio Lower Upper
 146 100
 111 41.1 34.2 51.4
 148 64.1 51.3 76.9



#68
 1,2-Dibromo-3-chloropropane
 Concen: 51.192 ug/L
 RT: 12.995 min Scan# 3625
 Delta R.T. -0.003 min
 Lab File: VU047236.D
 Acq: 22 Feb 2022 16:59

Tgt Ion: 75 Resp: 72604
 Ion Ratio Lower Upper
 75 100
 155 89.5 65.0 97.4
 157 118.3 79.7 119.5





#69

1,3,5-Trichlorobenzene

Concen: 47.728 ug/L

RT: 13.217 min Scan# 3694

Delta R.T. -0.003 min

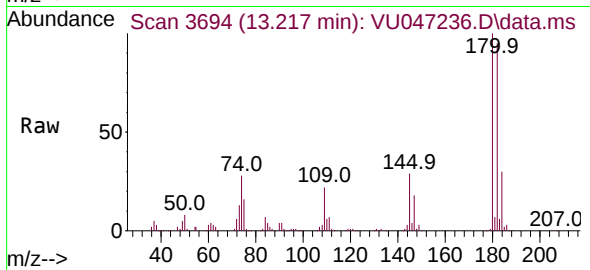
Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

Instrument :

MSVOA_U

ClientSampleId :



Tgt Ion:180 Resp: 252825

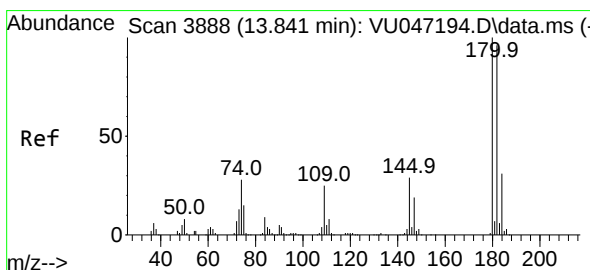
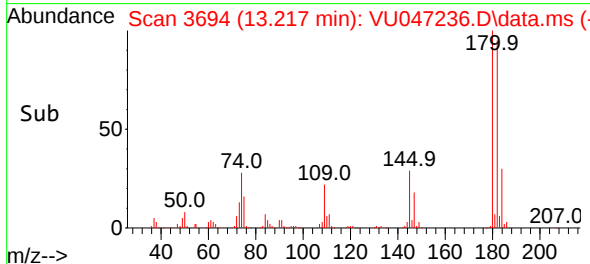
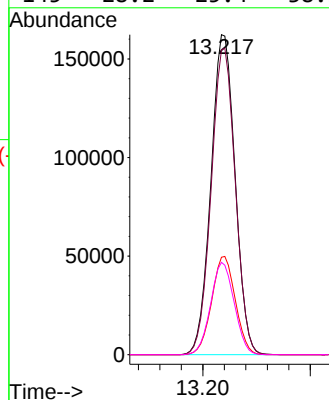
Ion Ratio Lower Upper

180 100

182 95.7 77.0 115.6

184 30.2 24.7 37.1

145 28.2 25.4 38.2



#70

1,2,4-trichlorobenzene

Concen: 48.637 ug/L

RT: 13.838 min Scan# 3887

Delta R.T. -0.003 min

Lab File: VU047236.D

Acq: 22 Feb 2022 16:59

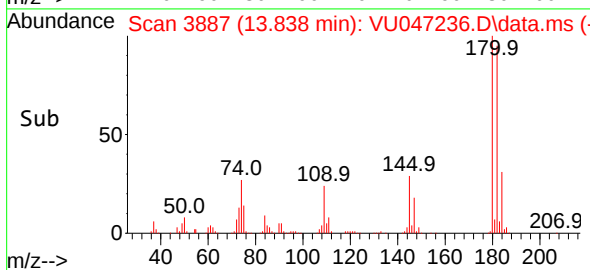
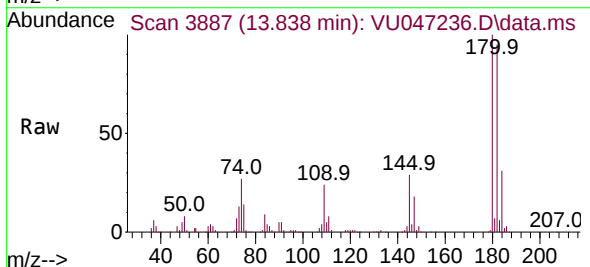
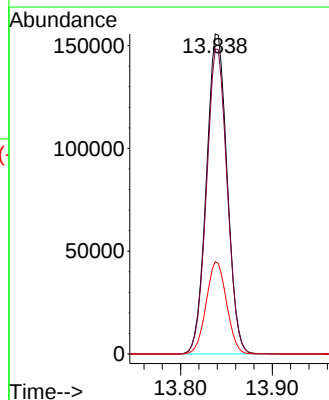
Tgt Ion:180 Resp: 244227

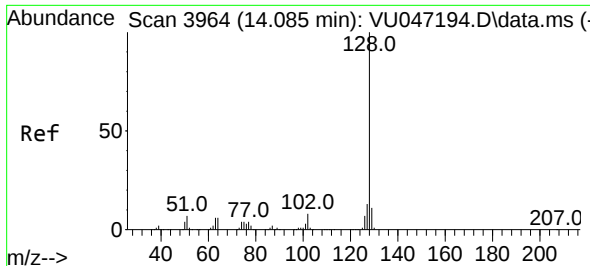
Ion Ratio Lower Upper

180 100

182 94.9 76.6 114.8

145 28.4 25.2 37.8

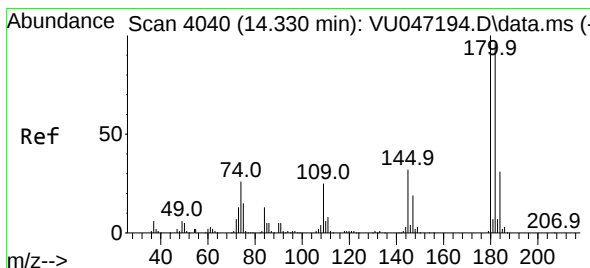
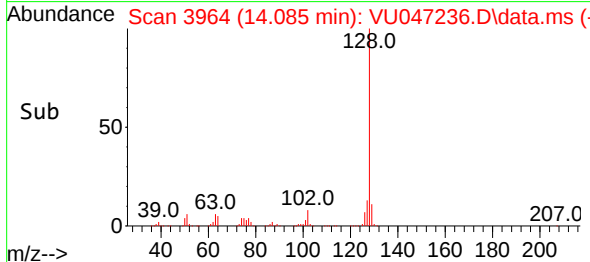
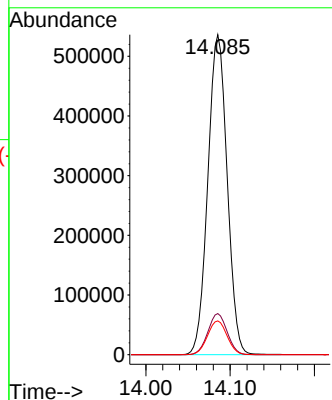
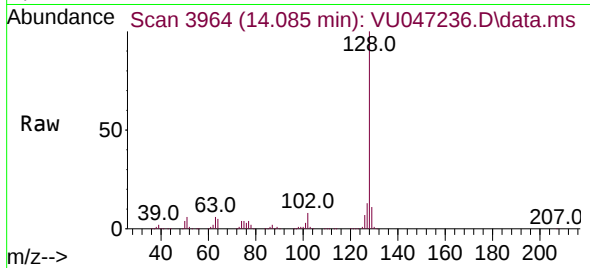




#71
Naphthalene
Concen: 48.127 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 855548
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 10.7 8.8 13.2



#72
1,2,3-Trichlorobenzene
Concen: 48.031 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047236.D
Acq: 22 Feb 2022 16:59

Tgt Ion:180 Resp: 240147
Ion Ratio Lower Upper
180 100
182 96.4 76.6 115.0
145 30.0 27.4 41.2

