

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032922\
 Data File : VU047745.D
 Acq On : 29 Mar 2022 10:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Mar 30 01:15:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	360559	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	371427	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	226916	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	90190	34.494	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.980%
7) Chloroethane-d5	1.922	69	81722	39.639	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.280%
11) 1,1-Dichloroethene-d2	2.578	63	196940	41.169	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.340%
21) 2-Butanone-d5	4.649	46	267636	119.256	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	119.260%
24) Chloroform-d	5.070	84	218651	45.704	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.400%
26) 1,2-Dichloroethane-d4	5.706	65	135797	46.281	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.560%
32) Benzene-d6	5.732	84	409794	43.846	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.700%
36) 1,2-Dichloropropane-d6	6.694	67	134465	46.847	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.700%
41) Toluene-d8	7.899	98	390382	42.871	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.740%
43) trans-1,3-Dichloroprop...	8.182	79	65633	45.135	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.280%
47) 2-Hexanone-d5	8.639	63	196921	117.196	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	117.200%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	249892	50.730	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.460%
66) 1,2-Dichlorobenzene-d4	12.195	152	185236	45.884	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.760%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	183357	54.852	ug/L	100
3) Chloromethane	1.527	50	165515	51.775	ug/L	99
5) Vinyl chloride	1.610	62	172054	52.772	ug/L	97
6) Bromomethane	1.864	94	99804	56.874	ug/L	97
8) Chloroethane	1.941	64	103574	50.605	ug/L	96
9) Trichlorofluoromethane	2.147	101	237533	51.665	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.588	101	147496	55.501	ug/L	98
13) Acetone	2.665	43	276650	132.467	ug/L	98
14) Carbon disulfide	2.803	76	389087	49.769	ug/L	99
15) Methyl Acetate	2.964	43	191287	57.440	ug/L	99
16) Methylene chloride	3.054	84	153750	54.173	ug/L	99
17) trans-1,2-Dichloroethene	3.359	96	142414	53.385	ug/L	96
18) Methyl tert-butyl Ether	3.369	73	421999	56.071	ug/L	100
19) 1,1-Dichloroethane	3.877	63	254152	55.241	ug/L	99
20) cis-1,2-Dichloroethene	4.674	96	160389	54.841	ug/L	96
22) 2-Butanone	4.726	43	334142	124.204	ug/L	98
23) Bromochloromethane	4.980	128	90844	56.575	ug/L	98
25) Chloroform	5.092	83	272762	55.066	ug/L	98
27) 1,2-Dichloroethane	5.800	62	207580	54.242	ug/L	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU032922\
 Data File : VU047745.D
 Acq On : 29 Mar 2022 10:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

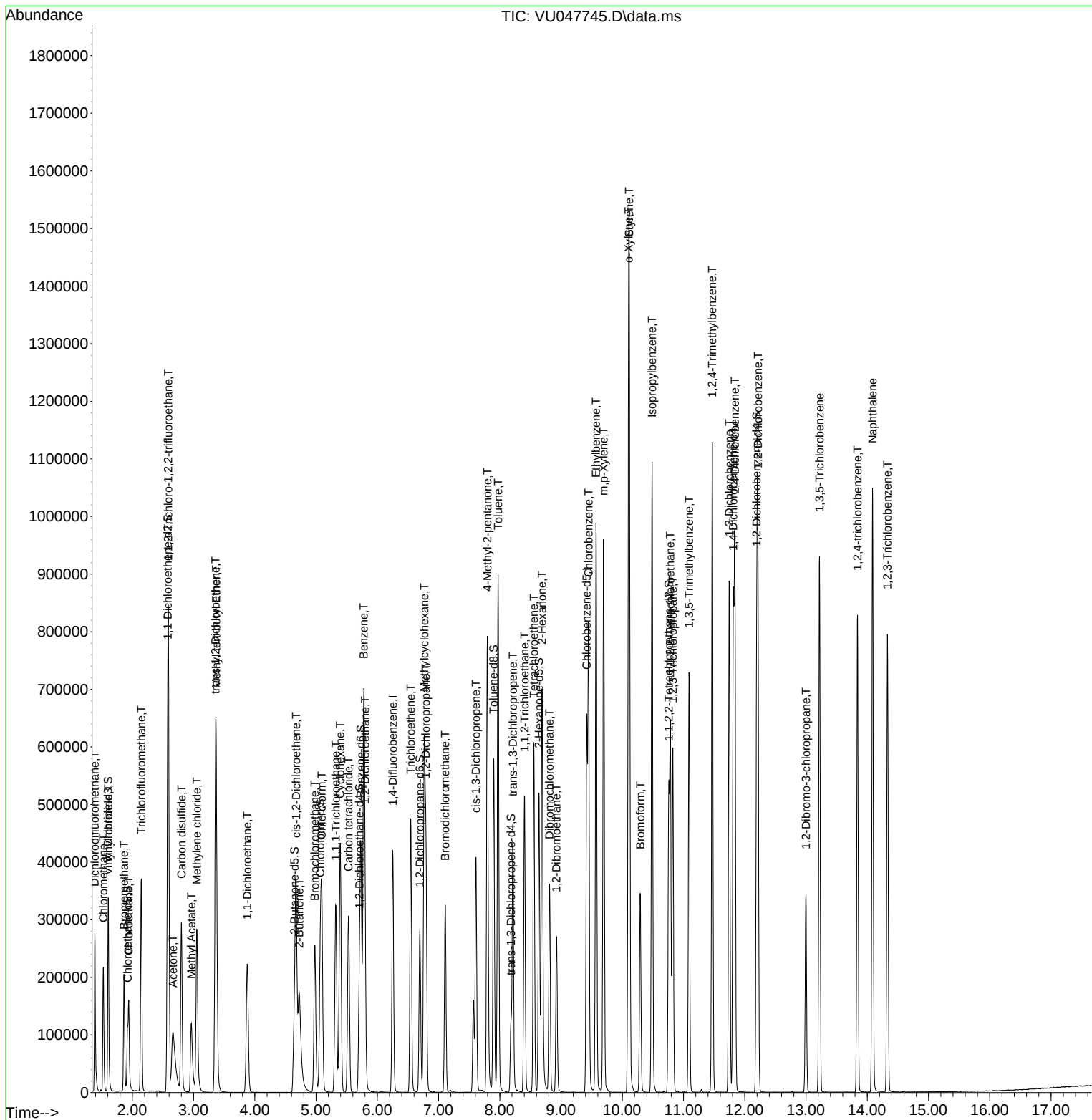
Instrument :
 MSVOA_U
 ClientSampleId :

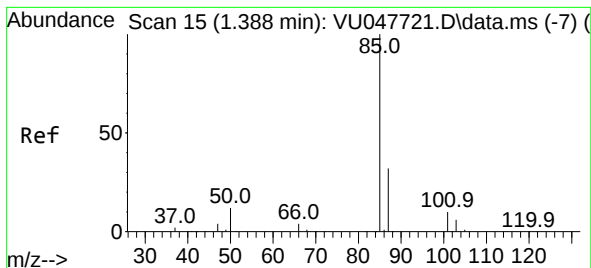
Quant Time: Mar 30 01:15:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 29 01:43:13 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
29) Cyclohexane	5.395	56	211705	56.171	ug/L	99
30) 1,1,1-Trichloroethane	5.321	97	235836	55.997	ug/L	99
31) Carbon tetrachloride	5.530	117	213663	56.182	ug/L	98
33) Benzene	5.777	78	598996	55.715	ug/L	100
34) Trichloroethene	6.546	95	159201	56.482	ug/L	99
35) Methylcyclohexane	6.767	83	249601	58.209	ug/L	98
37) 1,2-Dichloropropane	6.793	63	154865	56.663	ug/L	99
38) Bromodichloromethane	7.108	83	210981	56.215	ug/L	99
39) cis-1,3-Dichloropropene	7.610	75	242607	57.209	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	508346	117.683	ug/L	99
42) Toluene	7.973	91	668821	56.697	ug/L	100
44) trans-1,3-Dichloropropene	8.214	75	240876	56.889	ug/L	99
45) 1,1,2-Trichloroethane	8.404	97	163133	56.280	ug/L	99
46) Tetrachloroethene	8.555	164	140546	55.488	ug/L	97
48) 2-Hexanone	8.690	43	452971	121.909	ug/L	99
49) Dibromochloromethane	8.812	129	189509	56.447	ug/L	99
50) 1,2-Dibromoethane	8.925	107	181980	56.001	ug/L	99
51) Chlorobenzene	9.449	112	447902	55.920	ug/L	98
52) Ethylbenzene	9.571	91	710506	57.282	ug/L	100
53) m,p-Xylene	9.697	106	285245	58.609	ug/L	98
54) o-Xylene	10.102	106	278491	58.302	ug/L	99
55) Styrene	10.115	104	477948	58.605	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.783	83	310668	57.170	ug/L	100
59) Bromoform	10.295	173	160626	55.357	ug/L	99
60) 1,2,3-Trichloropropane	10.825	75	245494	57.389	ug/L	100
61) Isopropylbenzene	10.488	105	720315	58.736	ug/L	100
62) 1,3,5-Trimethylbenzene	11.089	105	387613	58.253	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	607589	60.114	ug/L	100
64) 1,3-Dichlorobenzene	11.745	146	383851	56.313	ug/L	98
65) 1,4-Dichlorobenzene	11.838	146	392699	55.620	ug/L	100
67) 1,2-Dichlorobenzene	12.214	146	386612	56.684	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.999	75	79295	57.869	ug/L	98
69) 1,3,5-Trichlorobenzene	13.221	180	308393	55.708	ug/L	99
70) 1,2,4-trichlorobenzene	13.841	180	270679	55.822	ug/L	99
71) Naphthalene	14.085	128	845300	58.472	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	261383	53.772	ug/L	99

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

Quant Time: Mar 30 01:15:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 29 01:43:13 2022
Response via : Initial Calibration

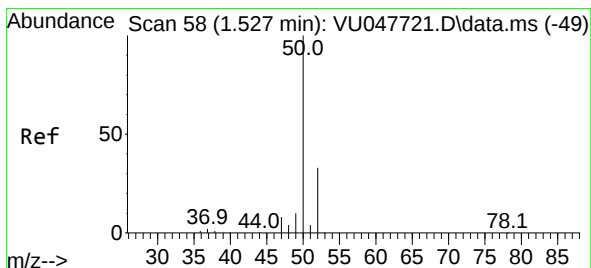
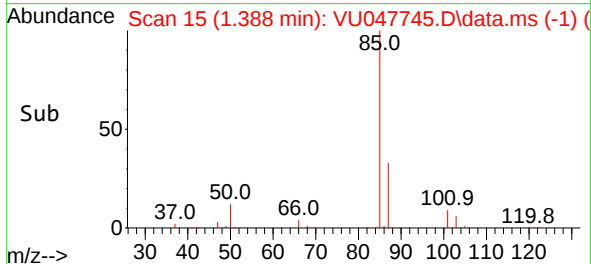
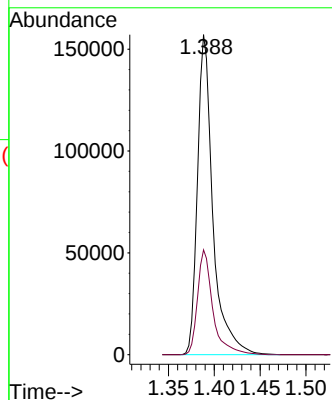
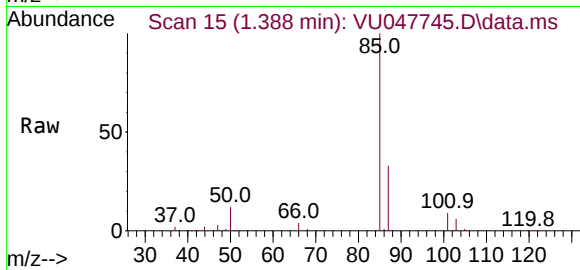




#2
Dichlorodifluoromethane
Concen: 54.852 ug/L
RT: 1.388 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

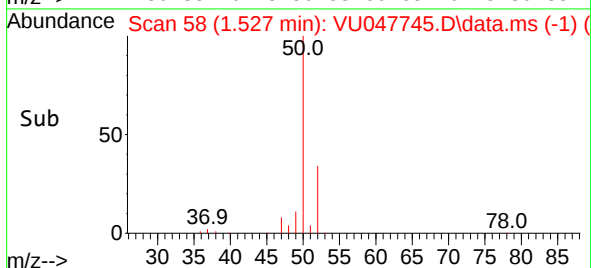
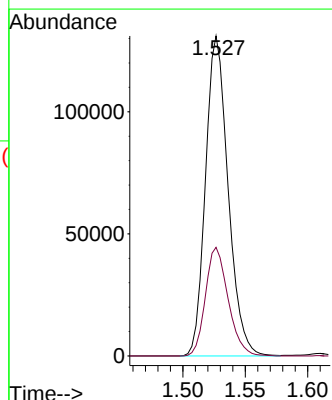
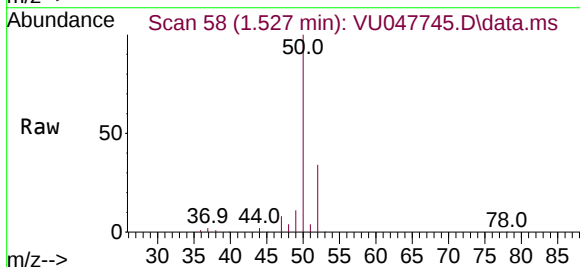
Instrument :
MSVOA_U
ClientSampleId :

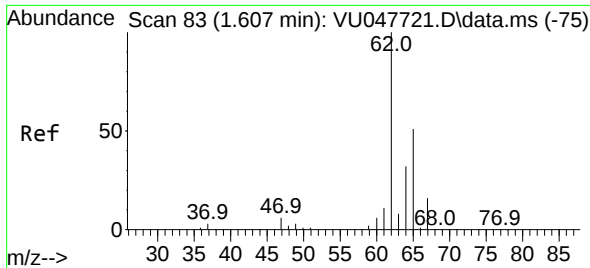
Tgt Ion: 85 Resp: 183357
Ion Ratio Lower Upper
85 100
87 32.6 25.8 38.8



#3
Chloromethane
Concen: 51.775 ug/L
RT: 1.527 min Scan# 58
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Tgt Ion: 50 Resp: 165515
Ion Ratio Lower Upper
50 100
52 34.0 23.2 43.2

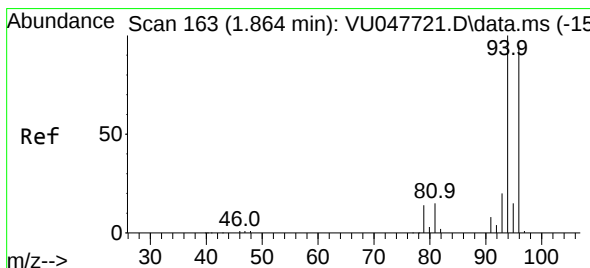
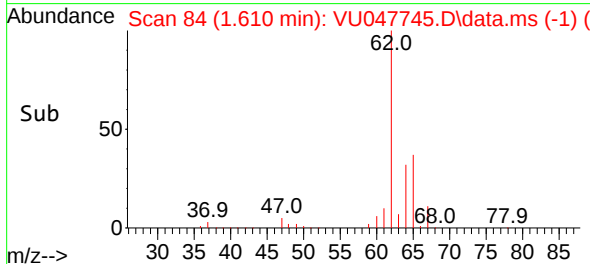
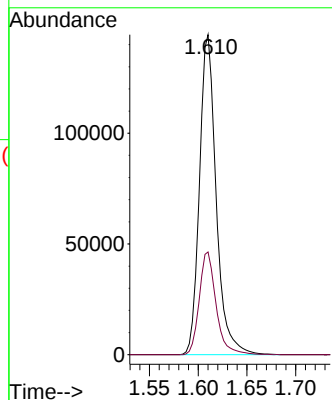
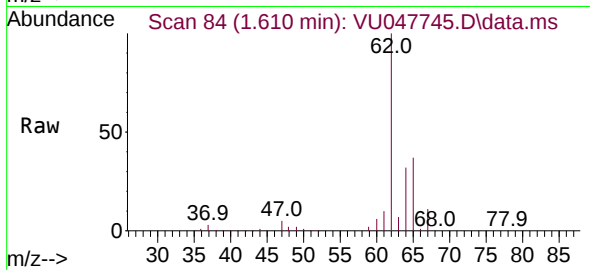




#5
 Vinyl chloride
 Concen: 52.772 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.003 min
 Lab File: VU047745.D
 Acq: 29 Mar 2022 10:51

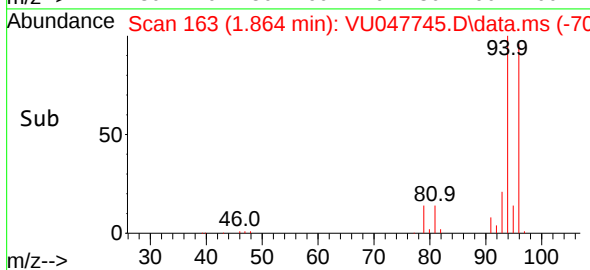
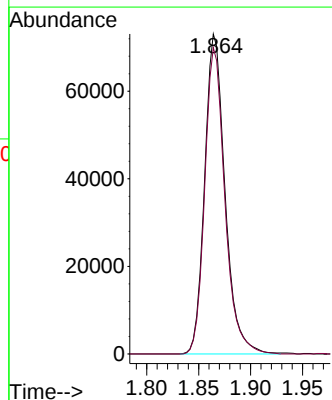
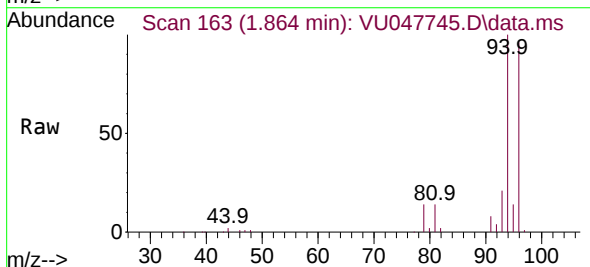
Instrument :
 MSVOA_U
 ClientSampleId :

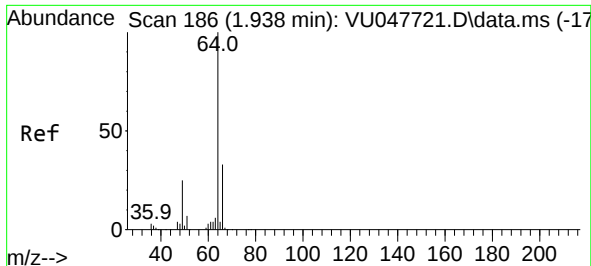
Tgt Ion: 62 Resp: 172054
 Ion Ratio Lower Upper
 62 100
 64 32.1 23.7 43.9



#6
 Bromomethane
 Concen: 56.874 ug/L
 RT: 1.864 min Scan# 163
 Delta R.T. -0.000 min
 Lab File: VU047745.D
 Acq: 29 Mar 2022 10:51

Tgt Ion: 94 Resp: 99804
 Ion Ratio Lower Upper
 94 100
 96 95.7 64.8 120.3

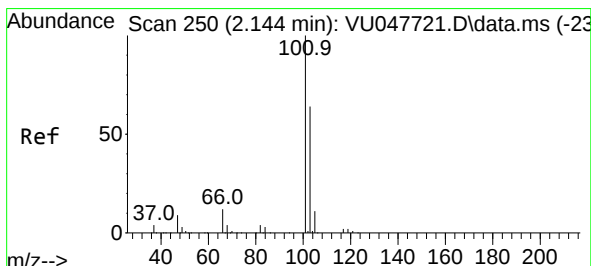
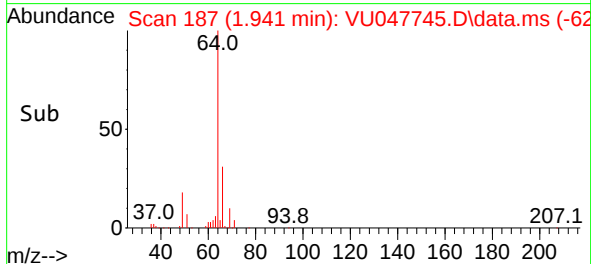
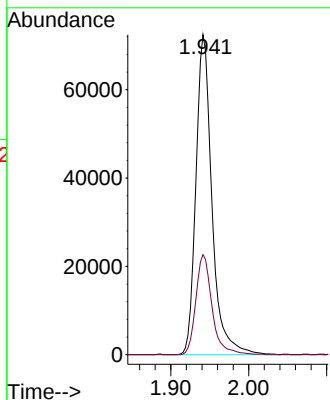
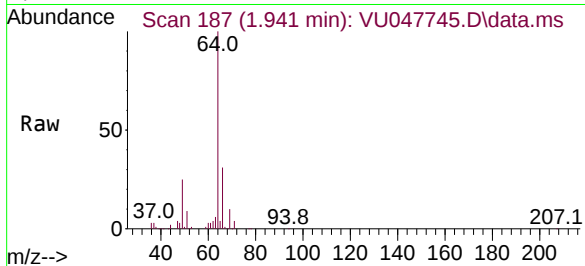




#8
Chloroethane
Concen: 50.605 ug/L
RT: 1.941 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

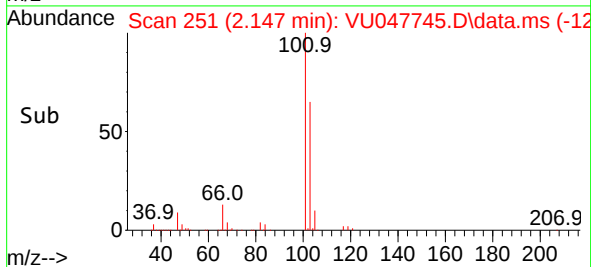
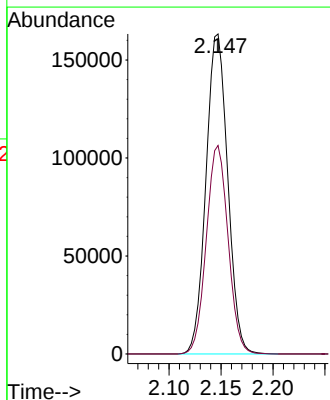
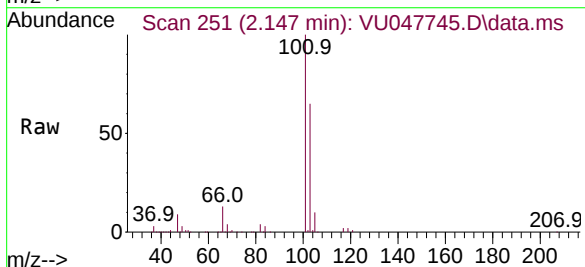
Instrument :
MSVOA_U
ClientSampleId :

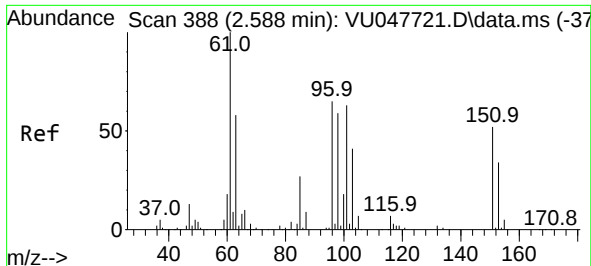
Tgt Ion: 64 Resp: 103574
Ion Ratio Lower Upper
64 100
66 31.3 23.3 43.3



#9
Trichlorofluoromethane
Concen: 51.665 ug/L
RT: 2.147 min Scan# 251
Delta R.T. 0.003 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Tgt Ion:101 Resp: 237533
Ion Ratio Lower Upper
101 100
103 65.2 51.4 77.2

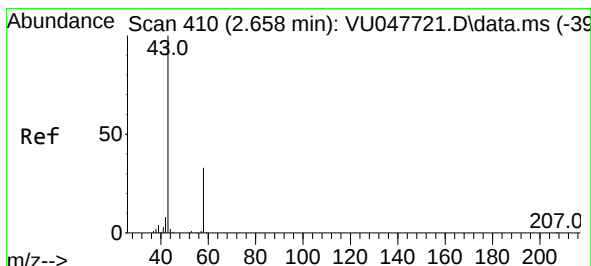
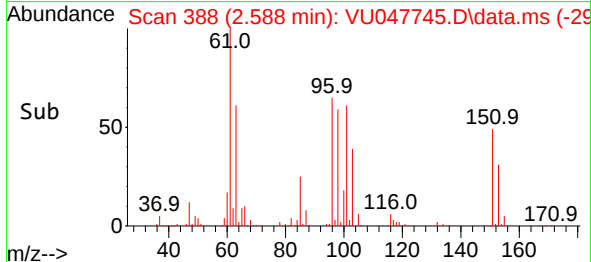
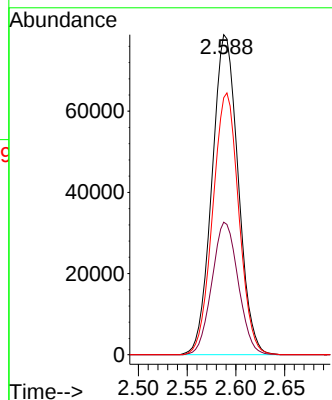
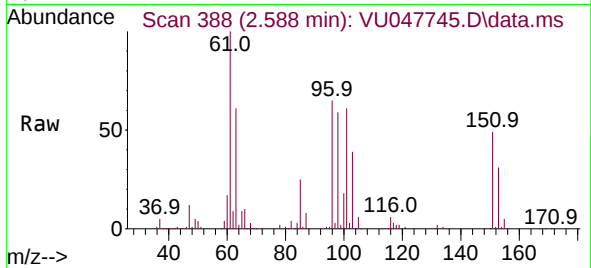




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 55.501 ug/L
RT: 2.588 min Scan# 388
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

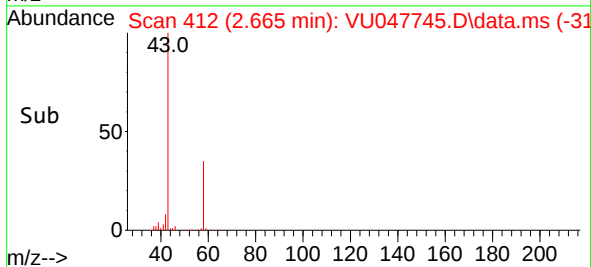
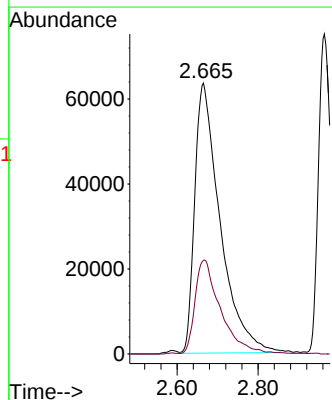
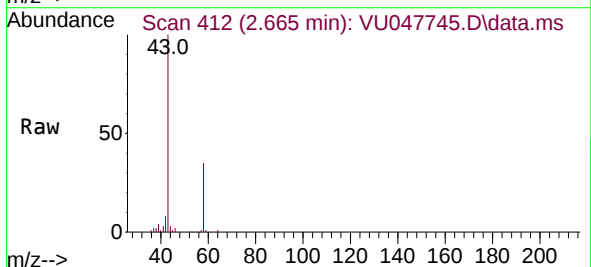
Instrument :
MSVOA_U
ClientSampleId :

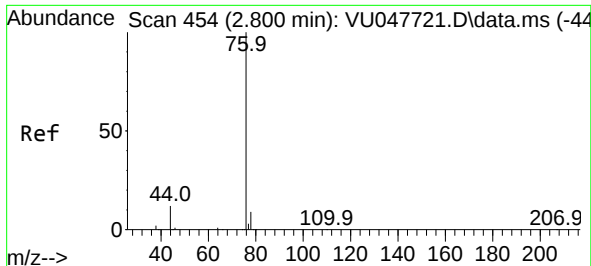
Tgt Ion:101 Resp: 147496
Ion Ratio Lower Upper
101 100
85 41.5 32.8 49.2
151 81.3 63.0 94.6



#13
Acetone
Concen: 132.467 ug/L
RT: 2.665 min Scan# 412
Delta R.T. 0.006 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Tgt Ion: 43 Resp: 276650
Ion Ratio Lower Upper
43 100
58 33.9 0.0 70.0

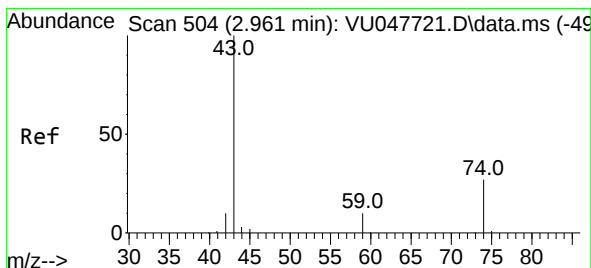
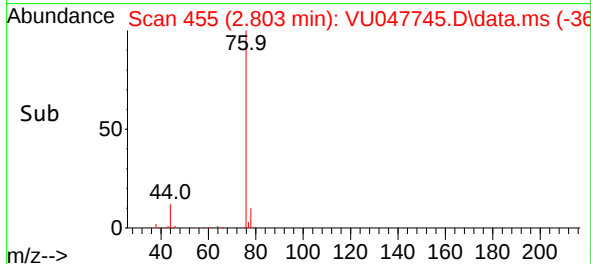
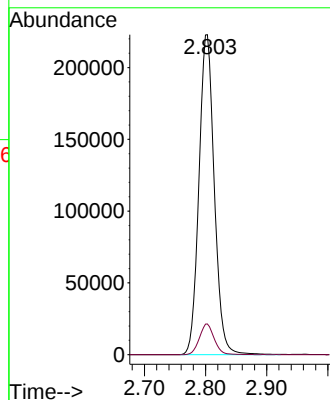
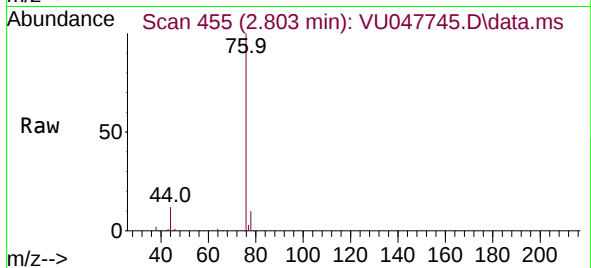




#14
Carbon disulfide
Concen: 49.769 ug/L
RT: 2.803 min Scan# 41
Delta R.T. 0.003 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

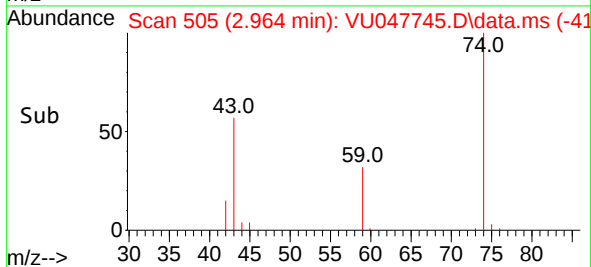
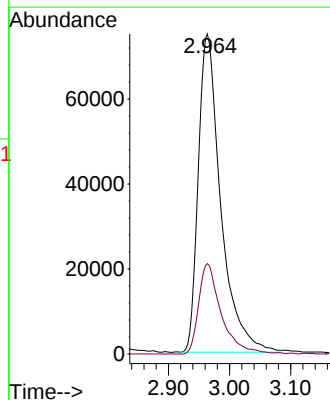
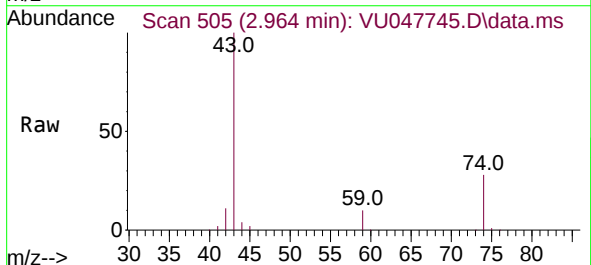
Instrument :
MSVOA_U
ClientSampleId :

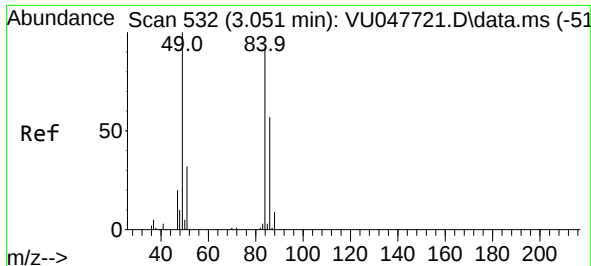
Tgt Ion: 76 Resp: 389087
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.0



#15
Methyl Acetate
Concen: 57.440 ug/L
RT: 2.964 min Scan# 505
Delta R.T. 0.003 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

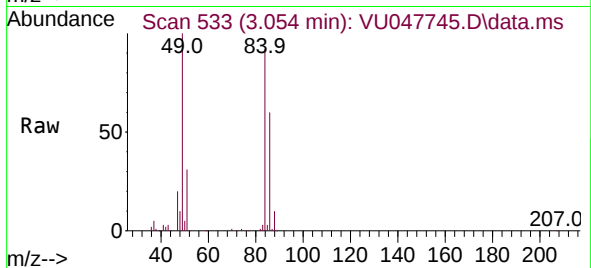
Tgt Ion: 43 Resp: 191287
Ion Ratio Lower Upper
43 100
74 28.3 22.2 33.2



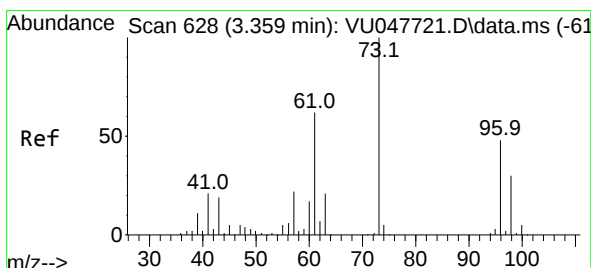
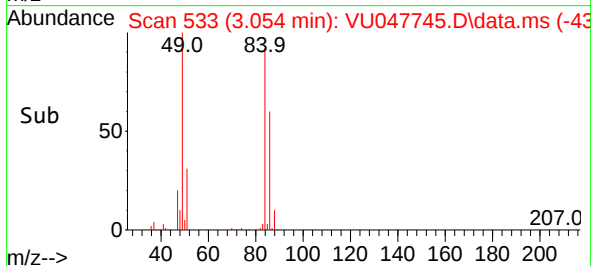
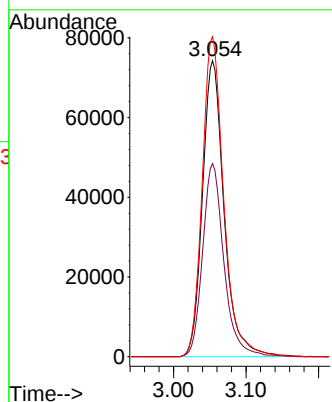


#16
Methylene chloride
Concen: 54.173 ug/L
RT: 3.054 min Scan# 51
Delta R.T. 0.003 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Instrument :
MSVOA_U
ClientSampleId :

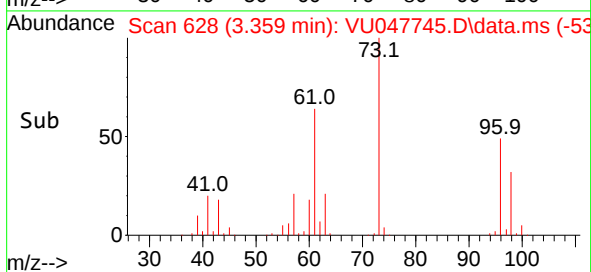
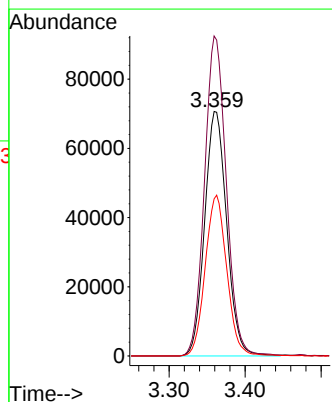
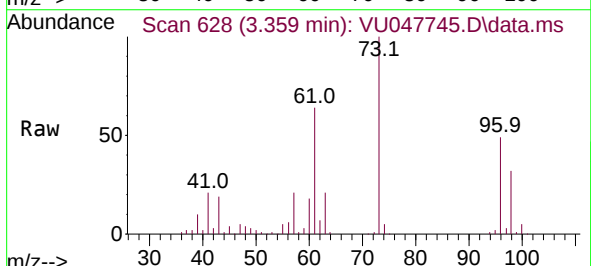


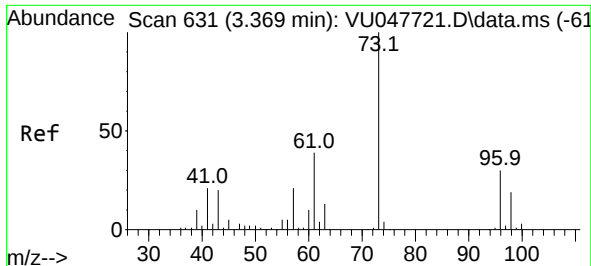
Tgt Ion: 84 Resp: 153750
Ion Ratio Lower Upper
84 100
86 65.3 46.0 85.4
49 108.1 75.3 139.8



#17
trans-1,2-Dichloroethene
Concen: 53.385 ug/L
RT: 3.359 min Scan# 628
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

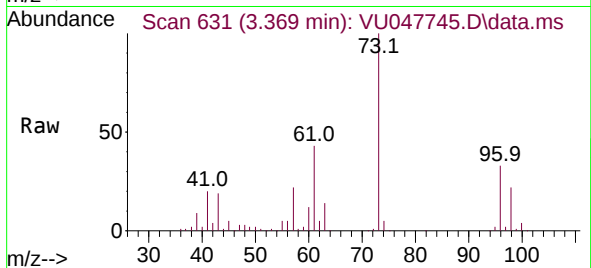
Tgt Ion: 96 Resp: 142414
Ion Ratio Lower Upper
96 100
61 130.9 88.4 164.2
98 64.3 43.3 80.5



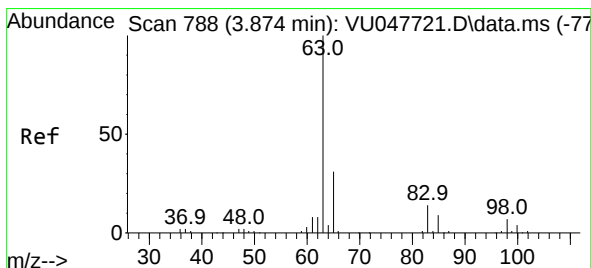
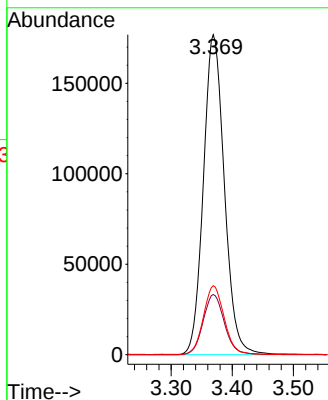
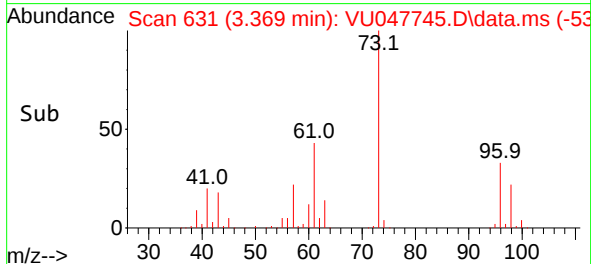


#18
Methyl tert-butyl Ether
Concen: 56.071 ug/L
RT: 3.369 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

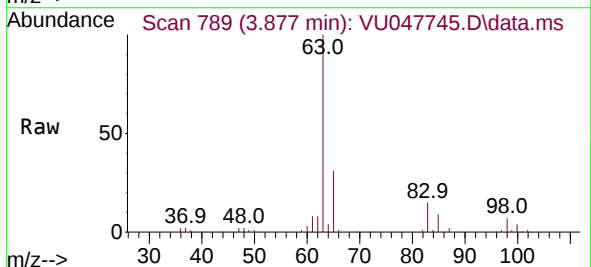
Instrument :
MSVOA_U
ClientSampleId :



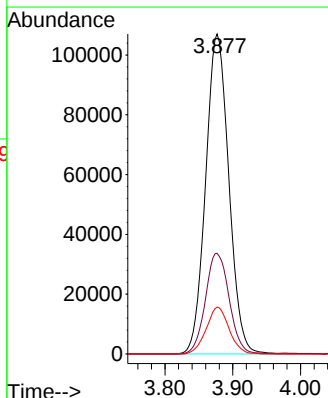
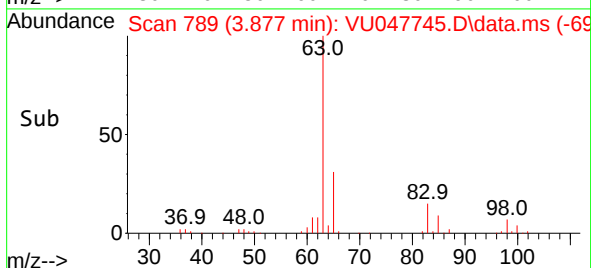
Tgt Ion: 73 Resp: 421999
Ion Ratio Lower Upper
73 100
43 18.9 15.3 22.9
57 21.4 17.0 25.6

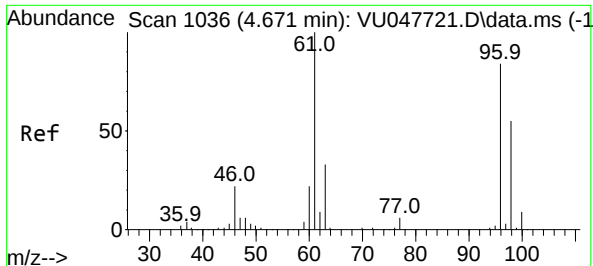


#19
1,1-Dichloroethane
Concen: 55.241 ug/L
RT: 3.877 min Scan# 789
Delta R.T. 0.003 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51



Tgt Ion: 63 Resp: 254152
Ion Ratio Lower Upper
63 100
65 31.4 22.0 41.0
83 14.6 9.7 18.1





#20

cis-1,2-Dichloroethene

Concen: 54.841 ug/L

RT: 4.674 min Scan# 1036

Delta R.T. 0.003 min

Lab File: VU047745.D

Acq: 29 Mar 2022 10:51

Instrument :

MSVOA_U

ClientSampleId :

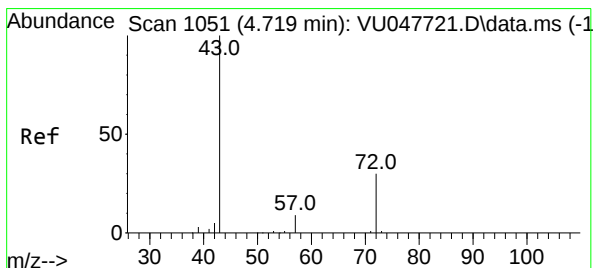
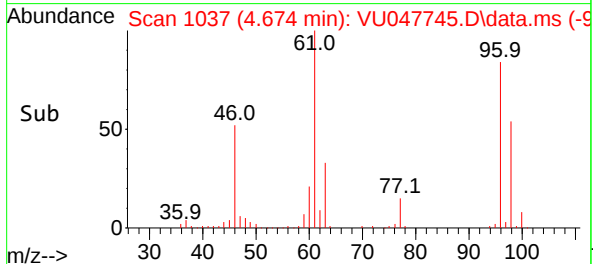
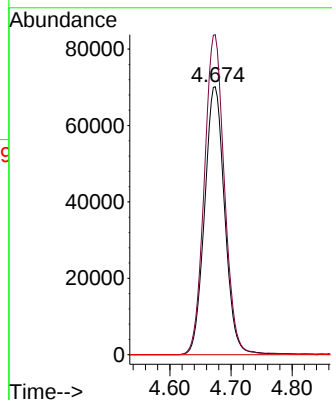
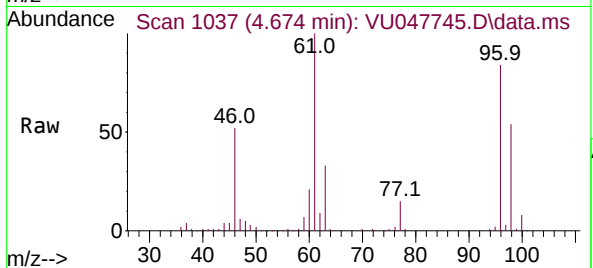
Tgt Ion: 96 Resp: 160389

Ion Ratio Lower Upper

96 100

61 119.4 80.7 149.9

68 0.0 0.0 0.0



#22

2-Butanone

Concen: 124.204 ug/L

RT: 4.726 min Scan# 1053

Delta R.T. 0.006 min

Lab File: VU047745.D

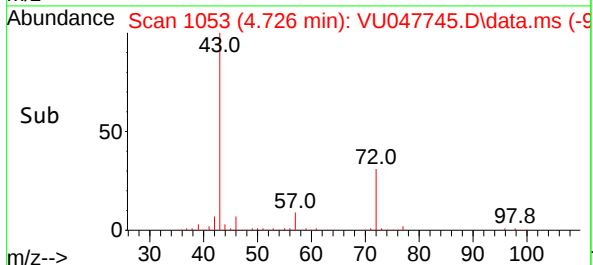
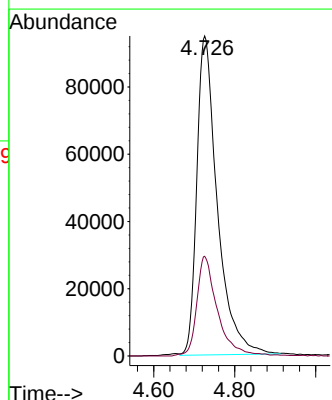
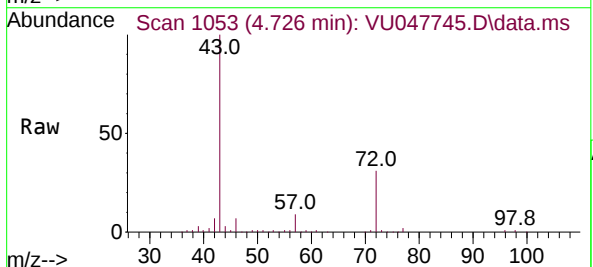
Acq: 29 Mar 2022 10:51

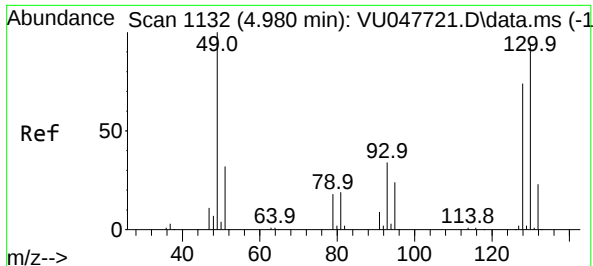
Tgt Ion: 43 Resp: 334142

Ion Ratio Lower Upper

43 100

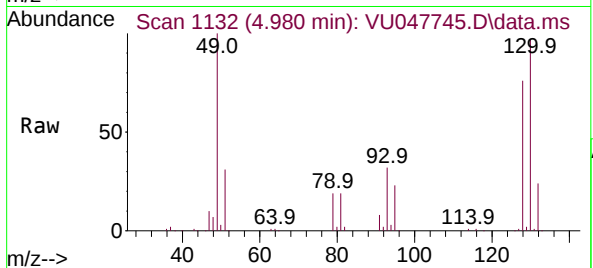
72 31.0 16.0 47.9



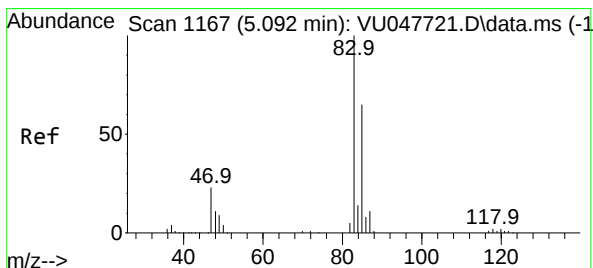
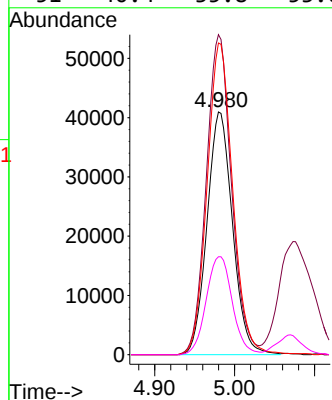
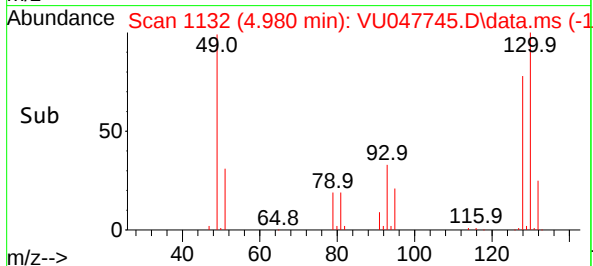


#23
Bromochloromethane
Concen: 56.575 ug/L
RT: 4.980 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Instrument :
MSVOA_U
ClientSampleId :

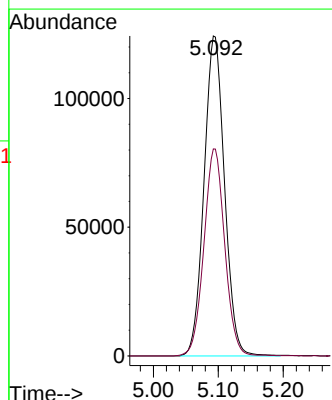
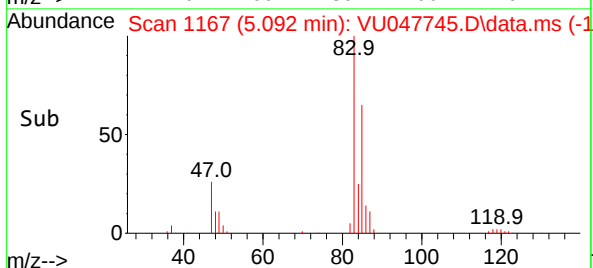
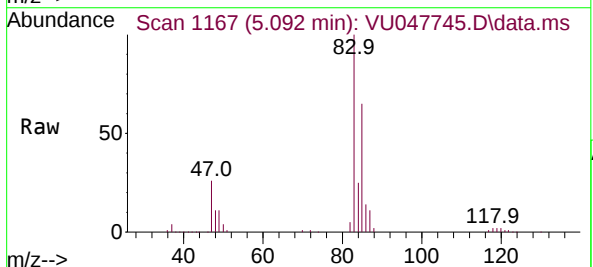


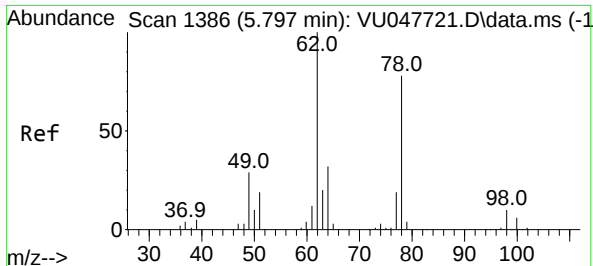
Tgt Ion:	128	Resp:	90844
Ion	Ratio	Lower	Upper
128	100		
49	131.8	94.1	174.8
130	128.4	90.2	167.4
51	40.4	35.8	53.6



#25
Chloroform
Concen: 55.066 ug/L
RT: 5.092 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Tgt Ion:	83	Resp:	272762
Ion	Ratio	Lower	Upper
83	100		
85	64.7	46.2	85.8





#27

1,2-Dichloroethane

Concen: 54.242 ug/L

RT: 5.800 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU047745.D

Acq: 29 Mar 2022 10:51

Instrument :

MSVOA_U

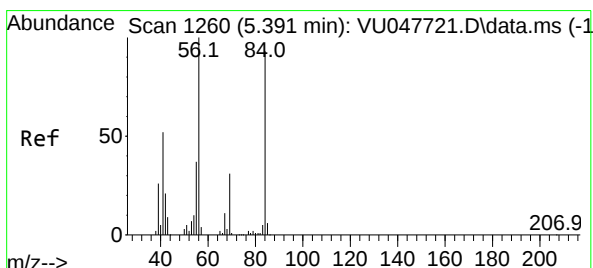
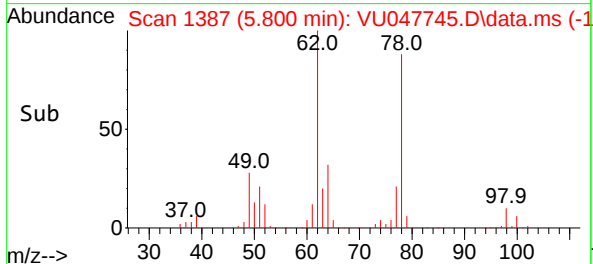
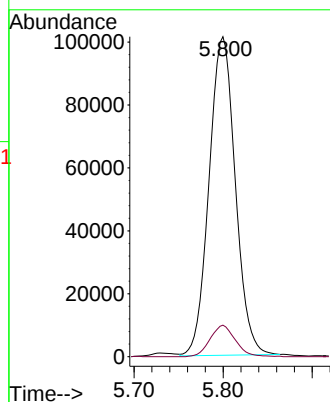
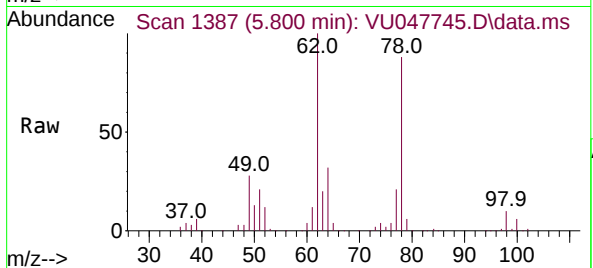
ClientSampleId :

Tgt Ion: 62 Resp: 207580

Ion Ratio Lower Upper

62 100

98 9.9 7.4 11.0



#29

Cyclohexane

Concen: 56.171 ug/L

RT: 5.395 min Scan# 1261

Delta R.T. 0.003 min

Lab File: VU047745.D

Acq: 29 Mar 2022 10:51

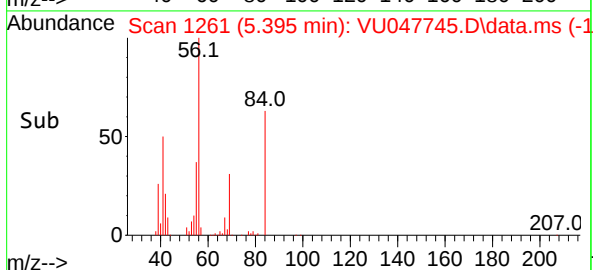
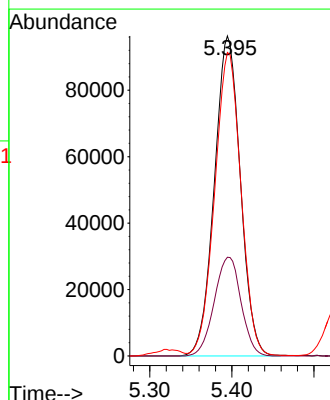
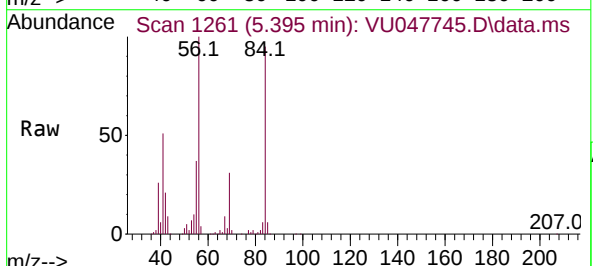
Tgt Ion: 56 Resp: 211705

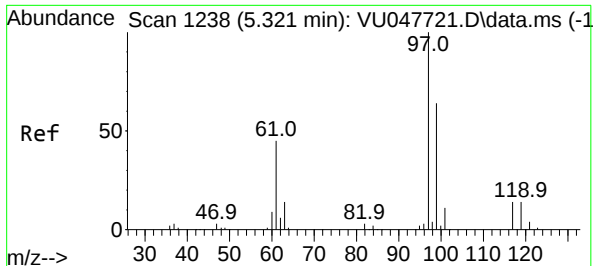
Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

84 95.3 77.0 115.6





#30

1,1,1-Trichloroethane

Concen: 55.997 ug/L

RT: 5.321 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU047745.D

Acq: 29 Mar 2022 10:51

Instrument :

MSVOA_U

ClientSampleId :

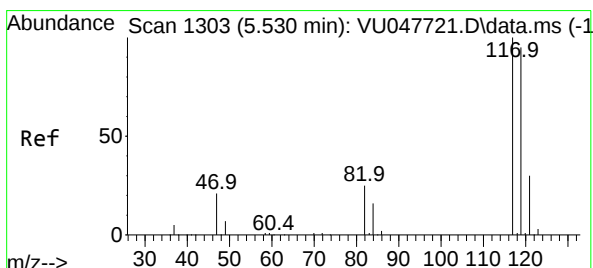
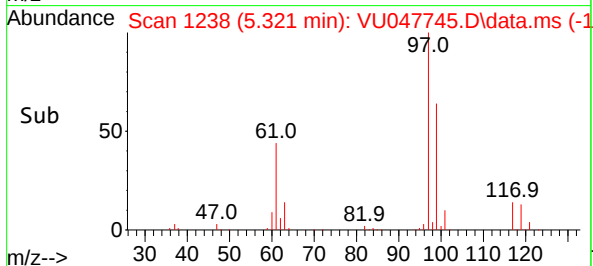
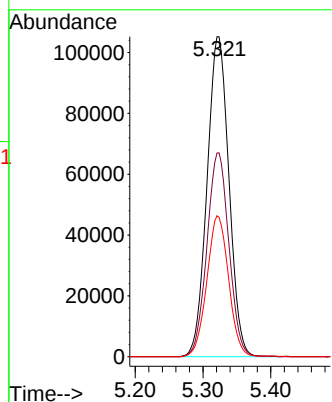
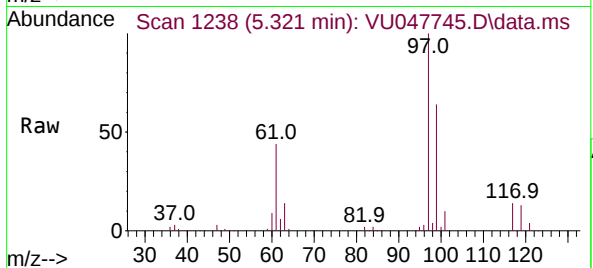
Tgt Ion: 97 Resp: 235836

Ion Ratio Lower Upper

97 100

99 64.2 51.6 77.4

61 43.7 34.2 51.4



#31

Carbon tetrachloride

Concen: 56.182 ug/L

RT: 5.530 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VU047745.D

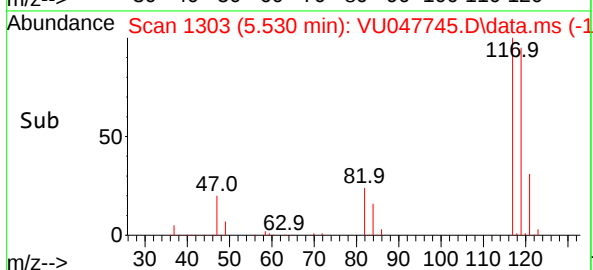
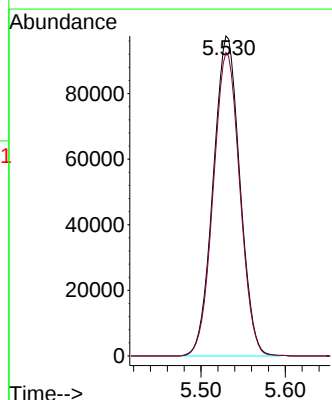
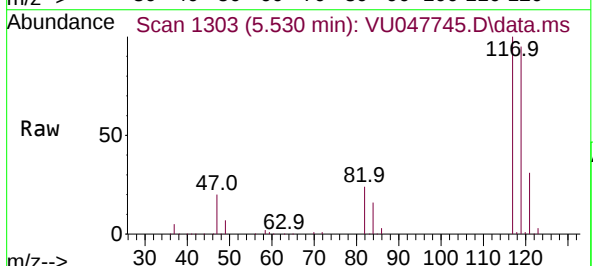
Acq: 29 Mar 2022 10:51

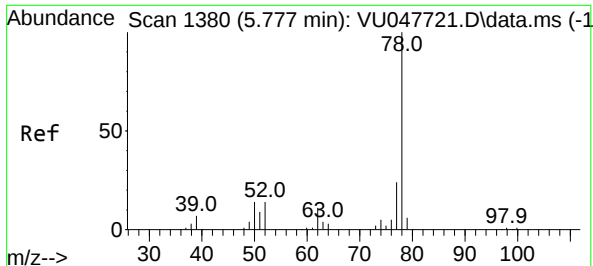
Tgt Ion:117 Resp: 213663

Ion Ratio Lower Upper

117 100

119 94.6 77.2 115.8

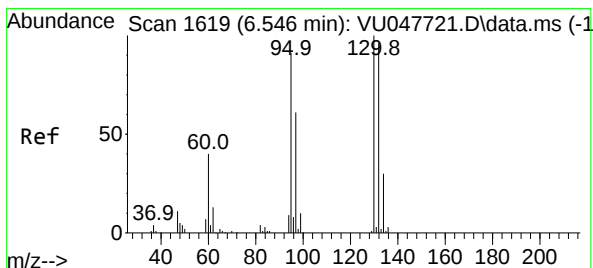
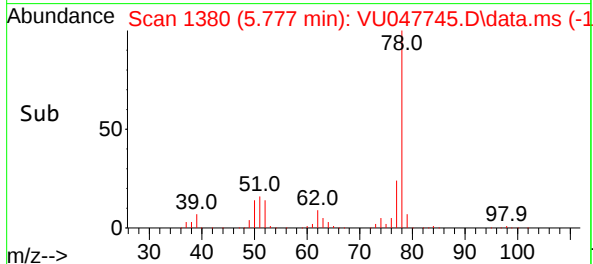
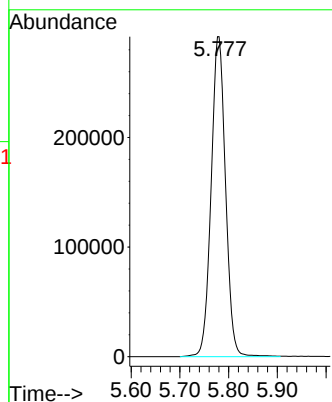
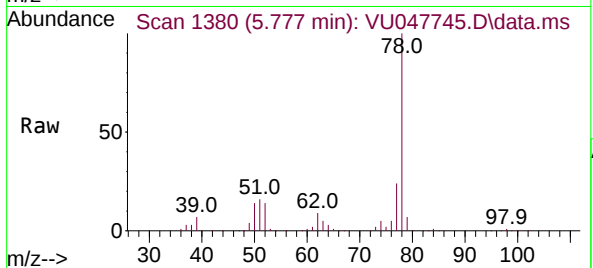




#33
Benzene
Concen: 55.715 ug/L
RT: 5.777 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Instrument :
MSVOA_U
ClientSampleId :

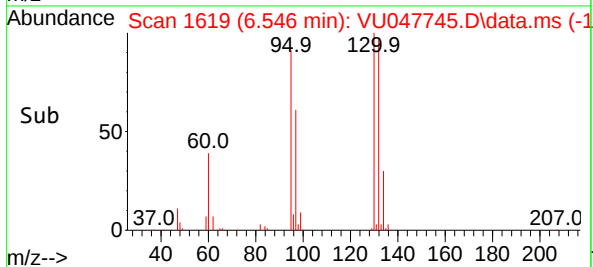
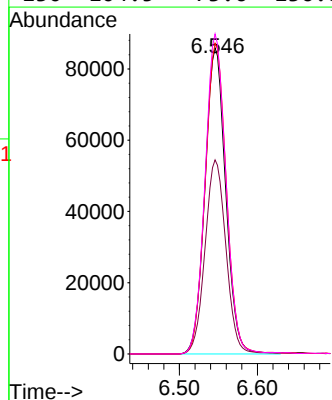
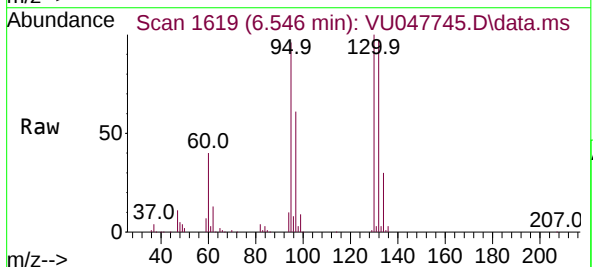
Tgt Ion: 78 Resp: 598996

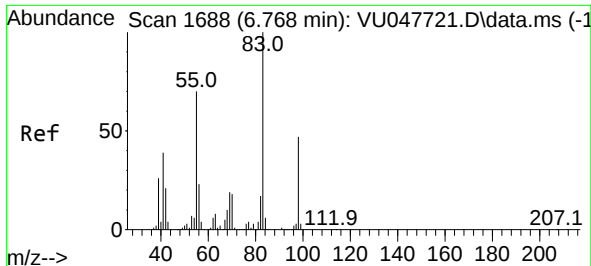


#34
Trichloroethene
Concen: 56.482 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Tgt Ion: 95 Resp: 159201

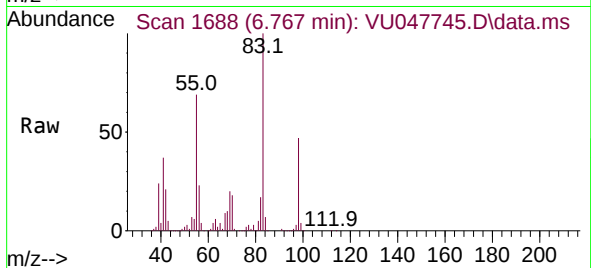
Ion	Ratio	Lower	Upper
95	100		
97	63.4	44.7	82.9
132	101.5	70.4	130.8
130	104.5	73.6	136.8



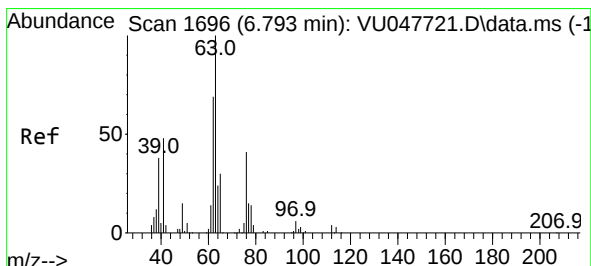
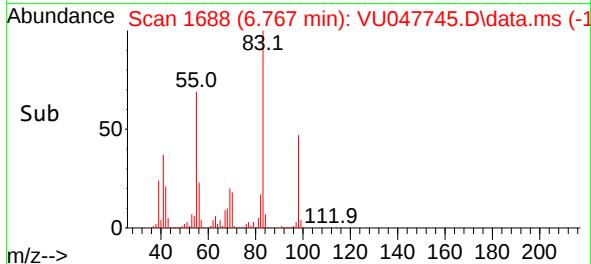
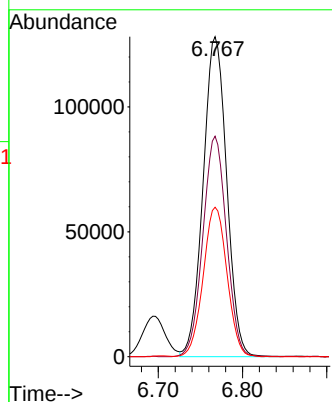


#35
Methylcyclohexane
Concen: 58.209 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Instrument :
MSVOA_U
ClientSampleId :

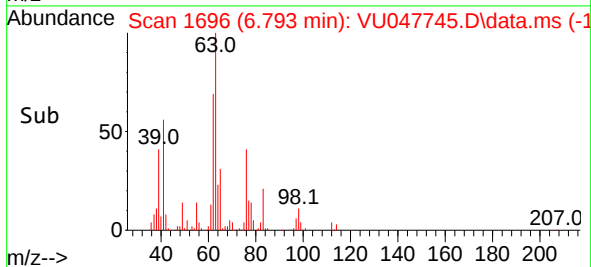
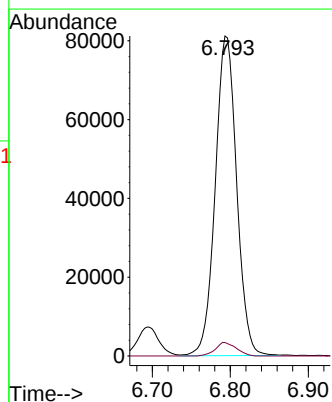
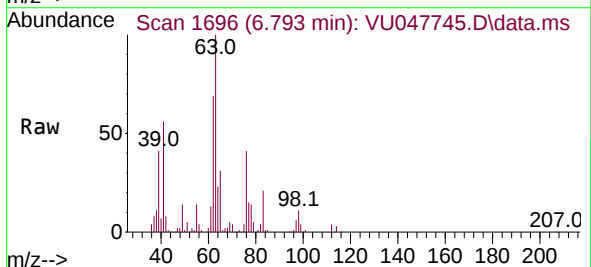


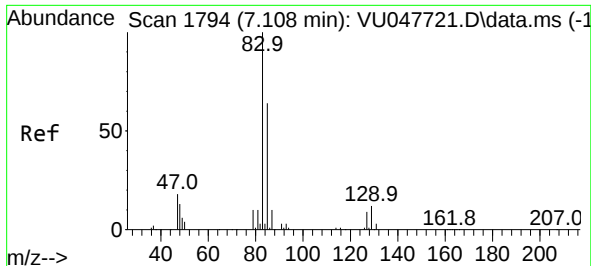
Tgt Ion: 83 Resp: 249601
Ion Ratio Lower Upper
83 100
55 69.0 56.8 85.2
98 47.1 38.1 57.1



#37
1,2-Dichloropropane
Concen: 56.663 ug/L
RT: 6.793 min Scan# 1696
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Tgt Ion: 63 Resp: 154865
Ion Ratio Lower Upper
63 100
112 4.1 3.4 5.2

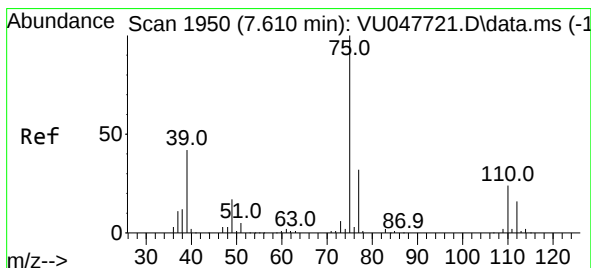
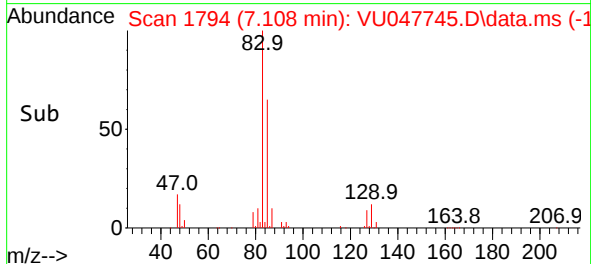
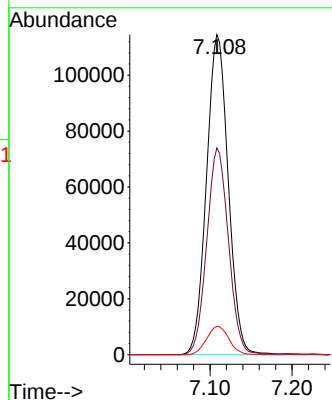
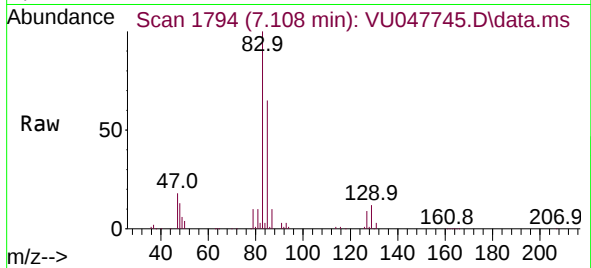




#38
Bromodichloromethane
Concen: 56.215 ug/L
RT: 7.108 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

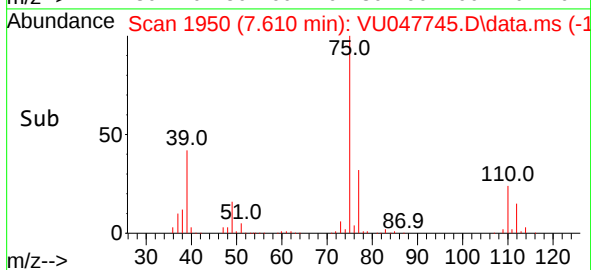
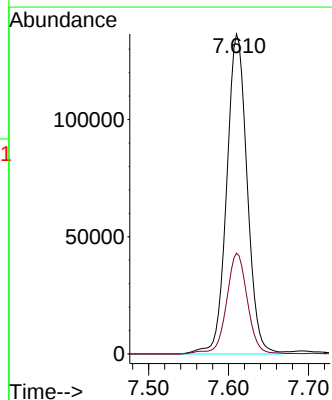
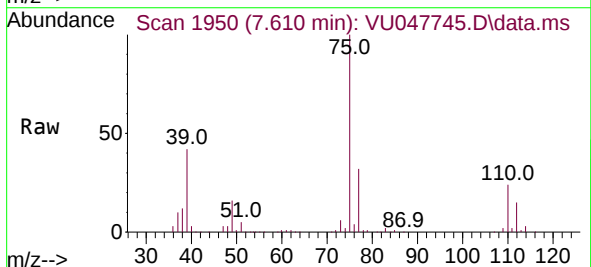
Instrument :
MSVOA_U
ClientSampleId :

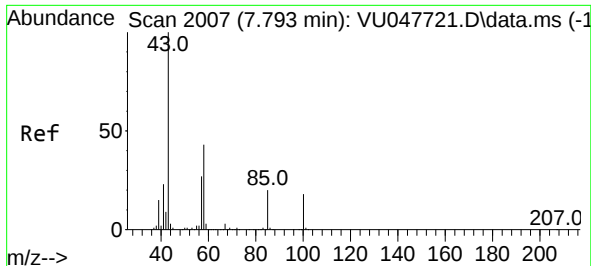
Tgt Ion: 83 Resp: 210981
Ion Ratio Lower Upper
83 100
85 64.6 44.4 82.4
127 8.9 7.2 10.8



#39
cis-1,3-Dichloropropene
Concen: 57.209 ug/L
RT: 7.610 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Tgt Ion: 75 Resp: 242607
Ion Ratio Lower Upper
75 100
77 31.5 21.8 40.6





#40

4-Methyl-2-pentanone

Concen: 117.683 ug/L

RT: 7.796 min Scan# 2007

Delta R.T. 0.003 min

Lab File: VU047745.D

Acq: 29 Mar 2022 10:51

Instrument :

MSVOA_U

ClientSampleId :

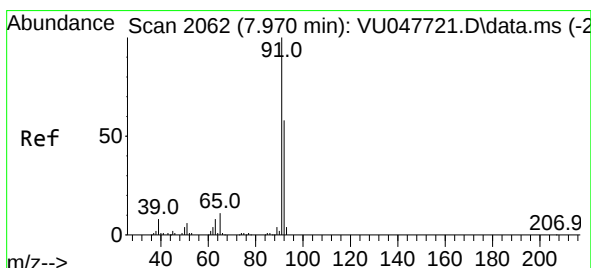
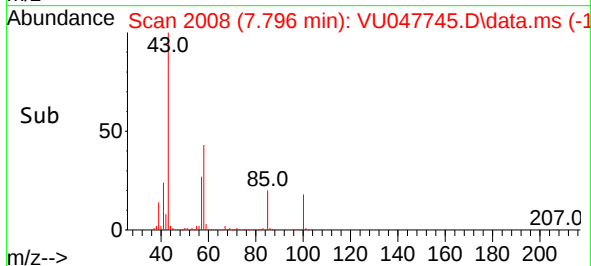
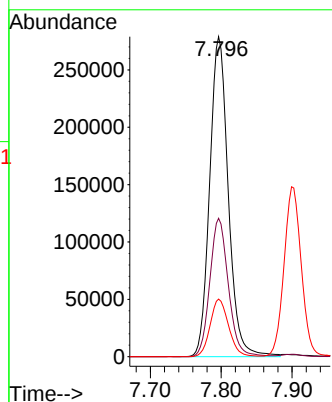
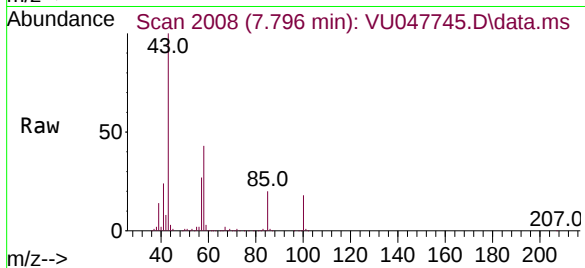
Tgt Ion: 43 Resp: 508346

Ion Ratio Lower Upper

43 100

58 43.1 34.7 52.1

100 17.9 14.2 21.2



#42

Toluene

Concen: 56.697 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU047745.D

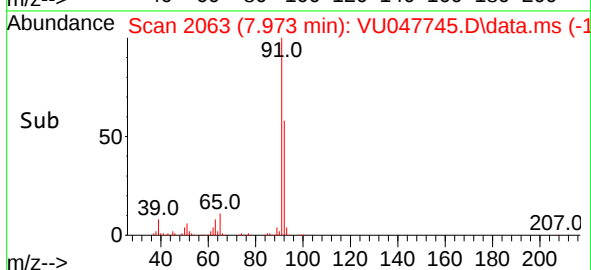
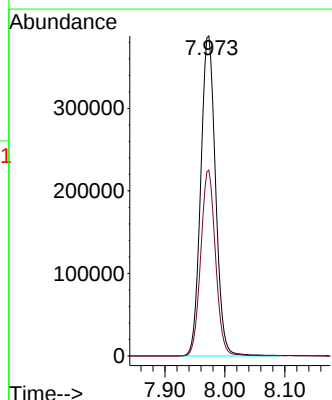
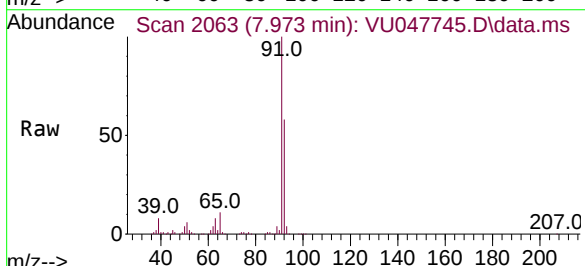
Acq: 29 Mar 2022 10:51

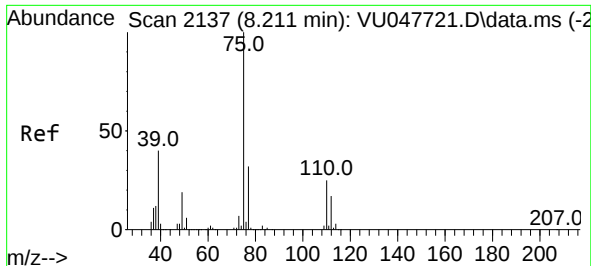
Tgt Ion: 91 Resp: 668821

Ion Ratio Lower Upper

91 100

92 58.1 40.4 75.0

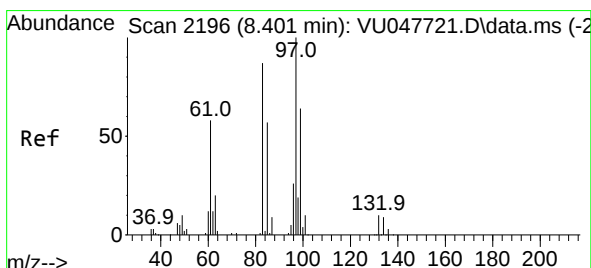
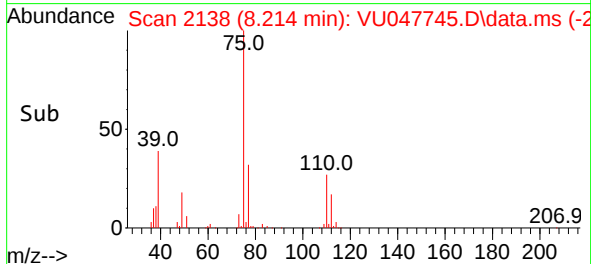
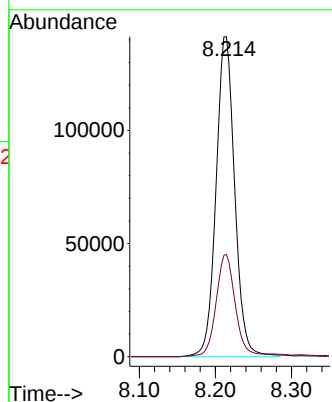
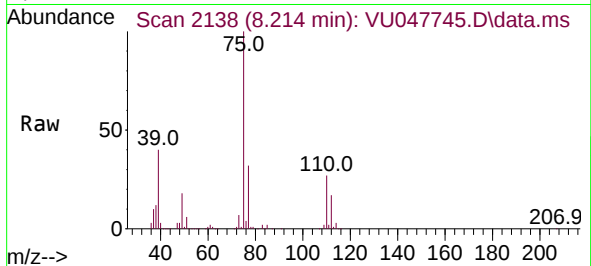




#44
trans-1,3-Dichloropropene
Concen: 56.889 ug/L
RT: 8.214 min Scan# 2138
Delta R.T. 0.003 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

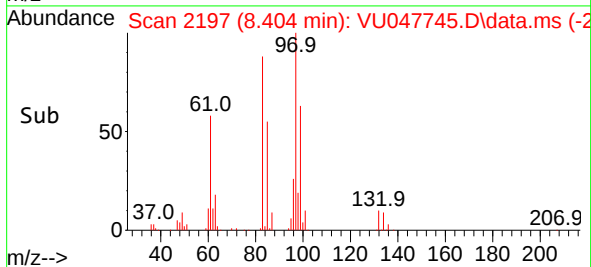
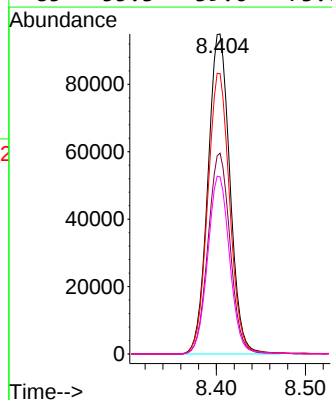
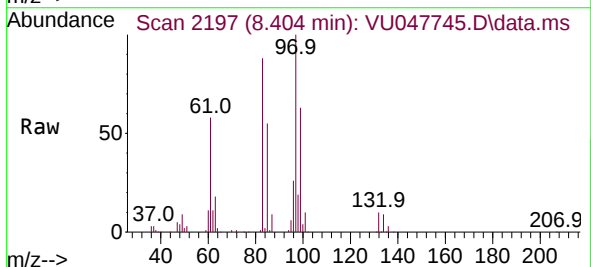
Instrument :
MSVOA_U
ClientSampleId :

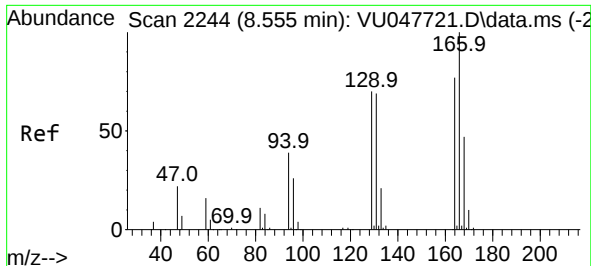
Tgt Ion: 75 Resp: 240876
Ion Ratio Lower Upper
75 100
77 32.0 22.0 40.8



#45
1,1,2-Trichloroethane
Concen: 56.280 ug/L
RT: 8.404 min Scan# 2197
Delta R.T. 0.003 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

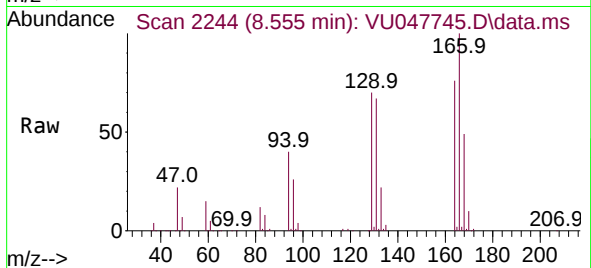
Tgt Ion: 97 Resp: 163133
Ion Ratio Lower Upper
97 100
99 62.8 43.3 80.3
83 87.6 61.0 113.4
85 55.3 39.6 73.6



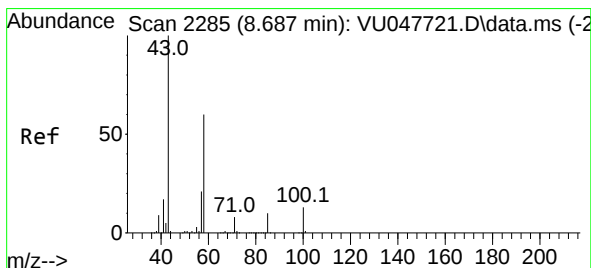
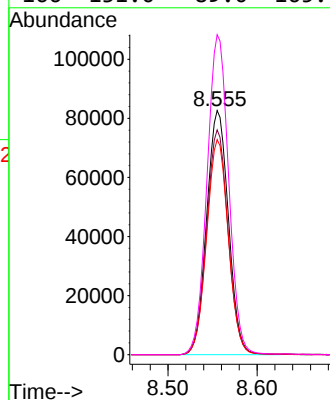
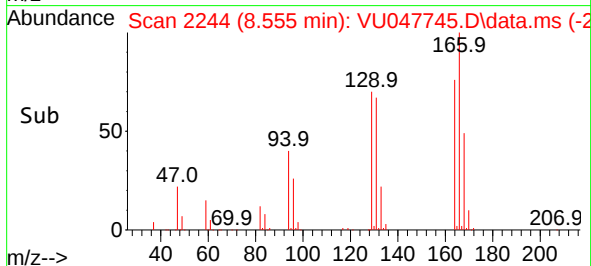


#46
Tetrachloroethene
Concen: 55.488 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

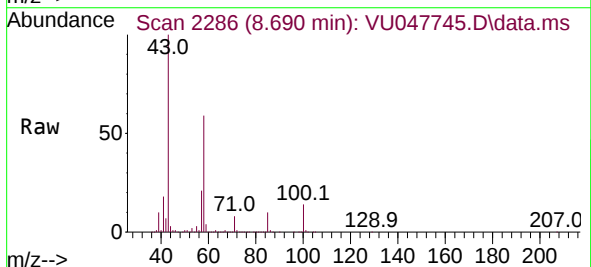
Instrument :
MSVOA_U
ClientSampleId :



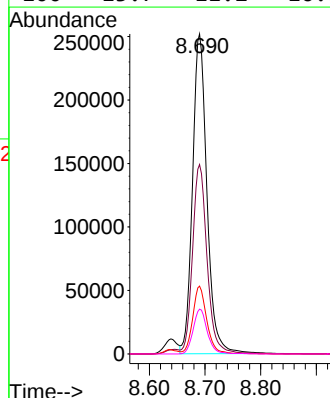
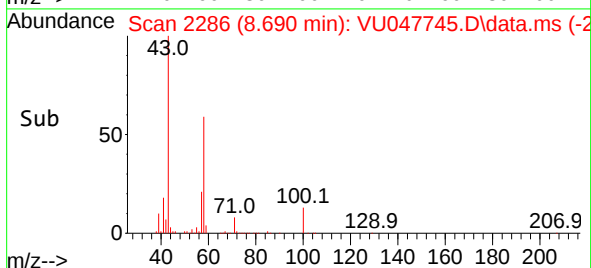
Tgt Ion:164 Resp: 140546
Ion Ratio Lower Upper
164 100
129 92.1 62.4 116.0
131 88.0 60.7 112.7
166 131.0 89.0 165.4

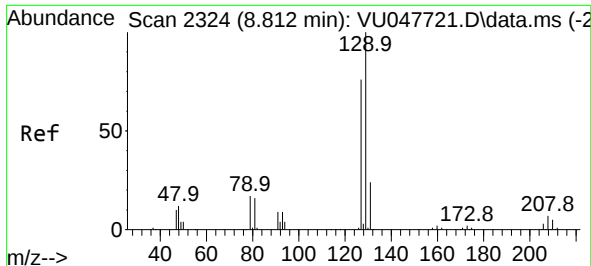


#48
2-Hexanone
Concen: 121.909 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. 0.003 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51



Tgt Ion: 43 Resp: 452971
Ion Ratio Lower Upper
43 100
58 59.6 48.1 72.1
57 20.9 16.2 24.4
100 13.7 11.2 16.8





#49

Dibromochloromethane

Concen: 56.447 ug/L

RT: 8.812 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047745.D

Acq: 29 Mar 2022 10:51

Instrument :

MSVOA_U

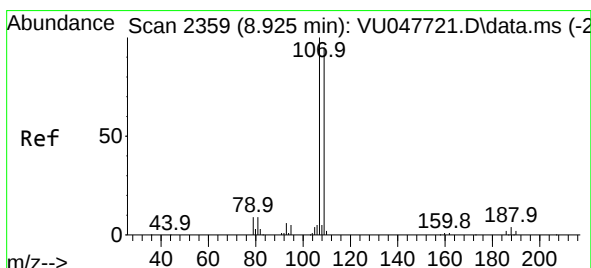
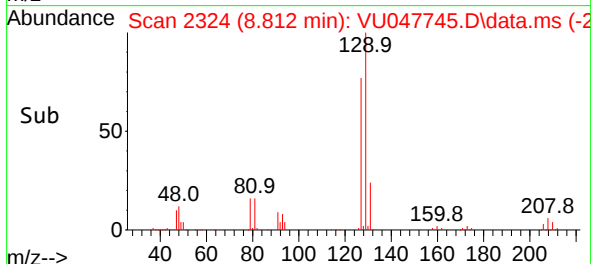
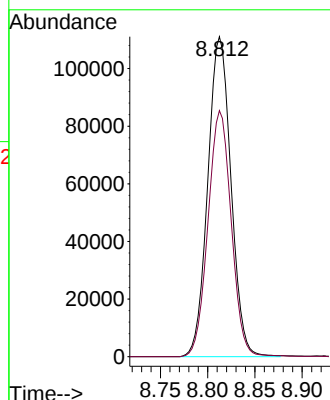
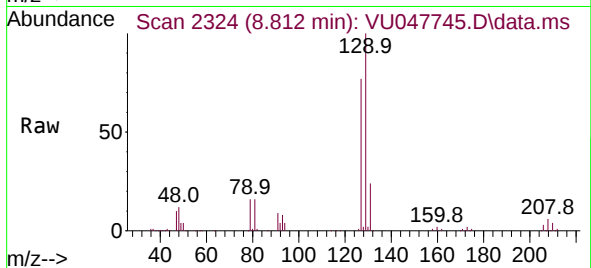
ClientSampleId :

Tgt Ion:129 Resp: 189509

Ion Ratio Lower Upper

129 100

127 76.9 54.2 100.6



#50

1,2-Dibromoethane

Concen: 56.001 ug/L

RT: 8.925 min Scan# 2359

Delta R.T. -0.000 min

Lab File: VU047745.D

Acq: 29 Mar 2022 10:51

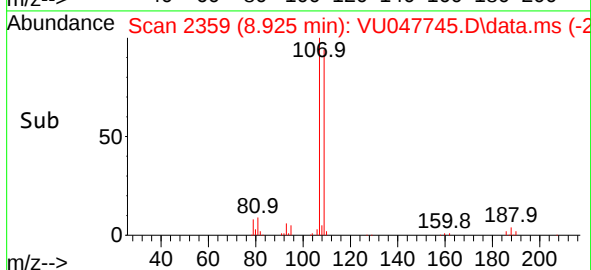
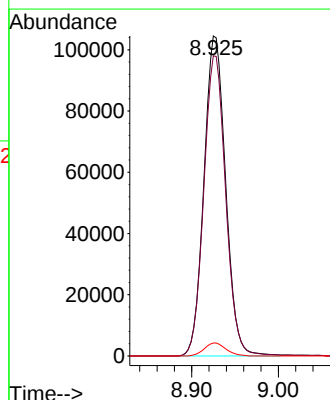
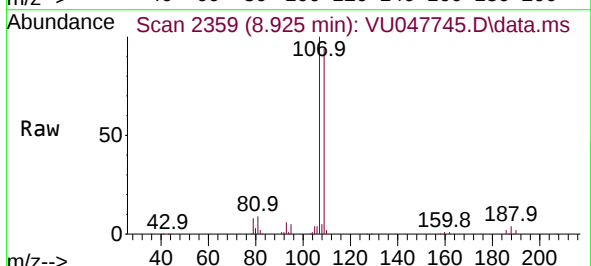
Tgt Ion:107 Resp: 181980

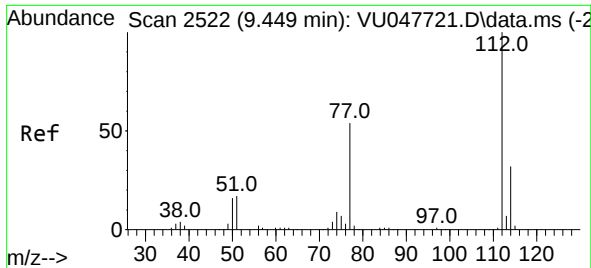
Ion Ratio Lower Upper

107 100

109 93.8 66.6 123.6

188 4.0 3.4 5.2

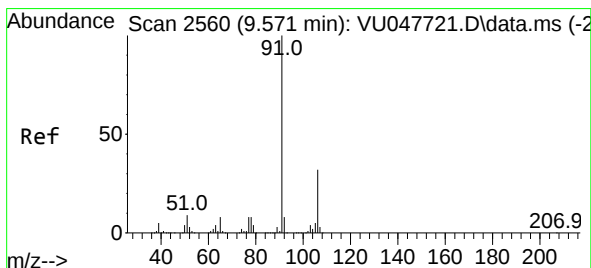
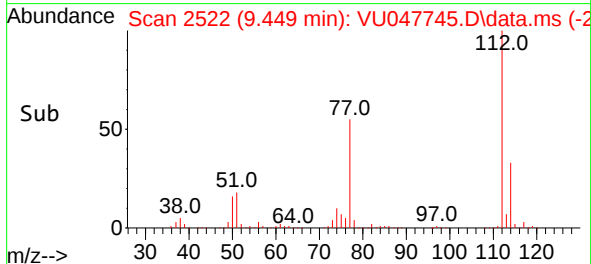
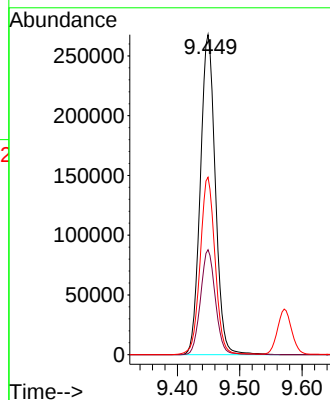
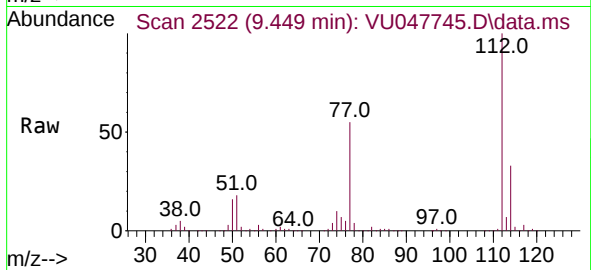




#51
Chlorobenzene
Concen: 55.920 ug/L
RT: 9.449 min Scan# 2522
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

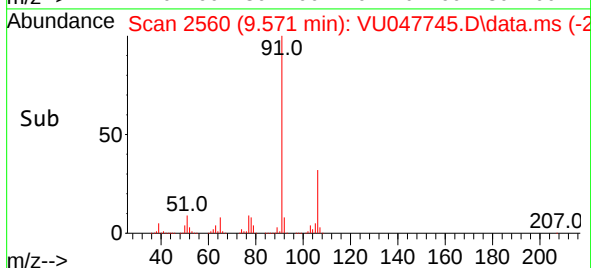
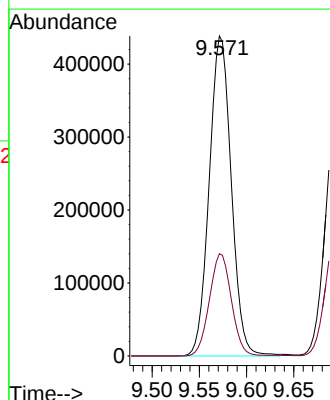
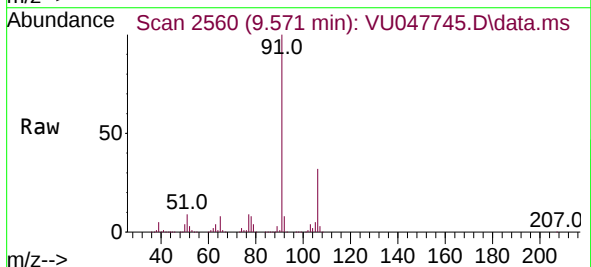
Instrument :
MSVOA_U
ClientSampleId :

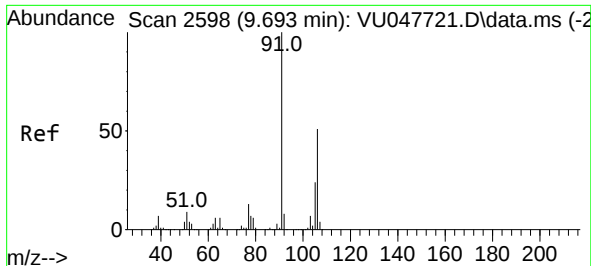
Tgt Ion:112 Resp: 447902
Ion Ratio Lower Upper
112 100
114 32.8 22.1 41.1
77 55.5 43.4 65.0



#52
Ethylbenzene
Concen: 57.282 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Tgt Ion: 91 Resp: 710506
Ion Ratio Lower Upper
91 100
106 31.9 22.4 41.6

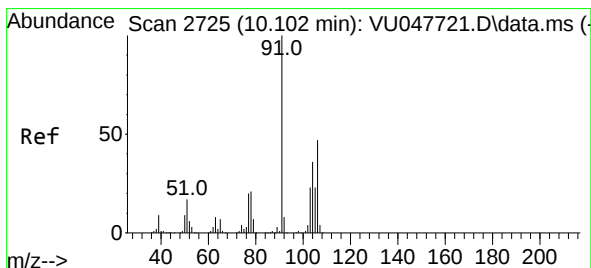
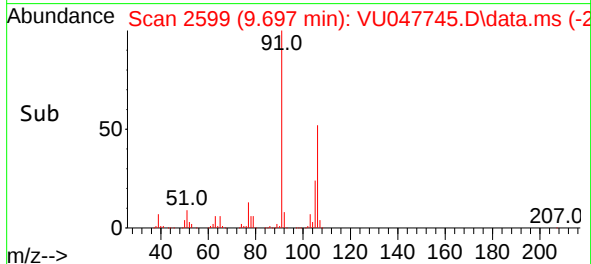
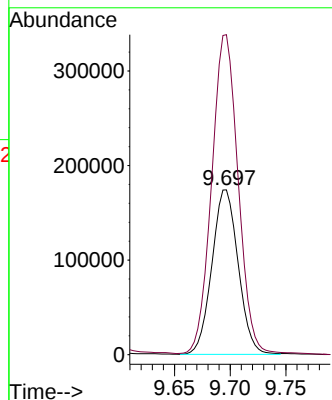
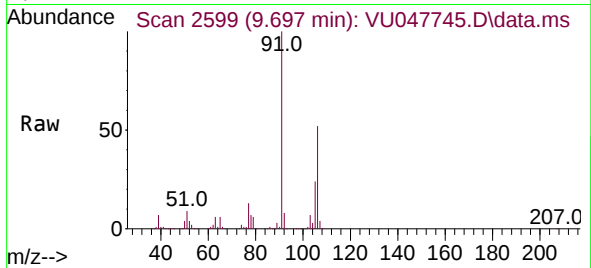




#53
m,p-Xylene
Concen: 58.609 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

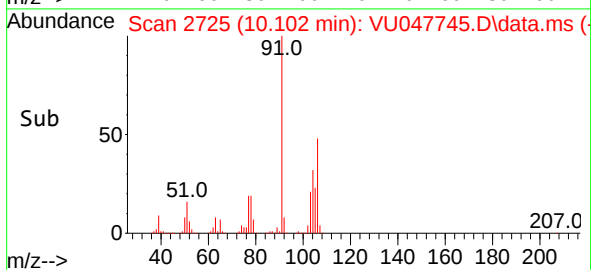
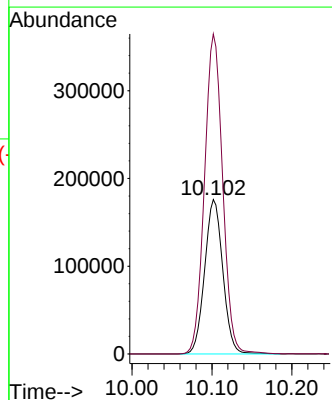
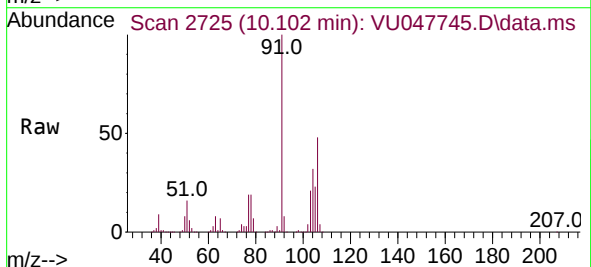
Instrument :
MSVOA_U
ClientSampleId :

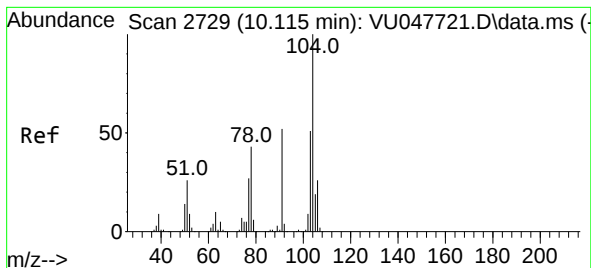
Tgt Ion:106 Resp: 285245
Ion Ratio Lower Upper
106 100
91 194.1 137.7 255.7



#54
o-Xylene
Concen: 58.302 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Tgt Ion:106 Resp: 278491
Ion Ratio Lower Upper
106 100
91 207.3 146.7 272.5





#55

Styrene

Concen: 58.605 ug/L

RT: 10.115 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU047745.D

Acq: 29 Mar 2022 10:51

Instrument :

MSVOA_U

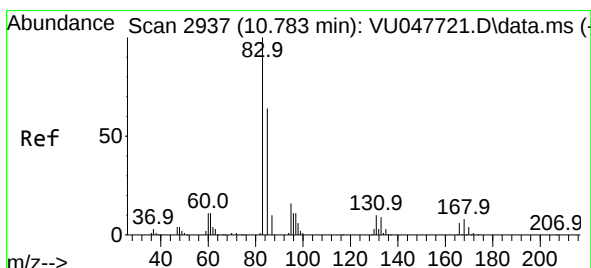
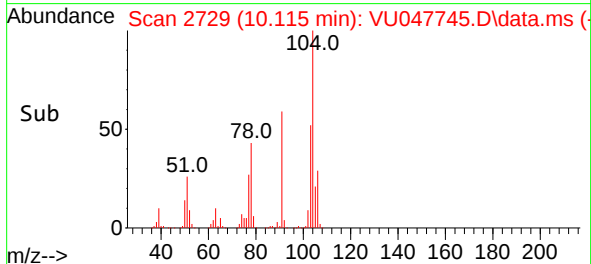
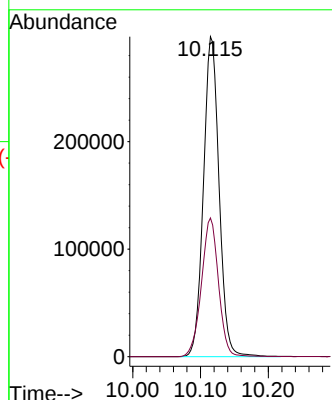
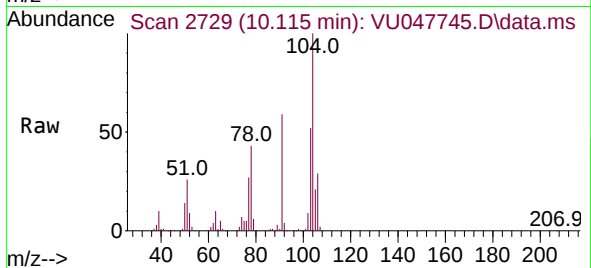
ClientSampleId :

Tgt Ion:104 Resp: 477948

Ion Ratio Lower Upper

104 100

78 43.4 30.4 56.4



#57

1,1,2,2-Tetrachloroethane

Concen: 57.170 ug/L

RT: 10.783 min Scan# 2937

Delta R.T. -0.000 min

Lab File: VU047745.D

Acq: 29 Mar 2022 10:51

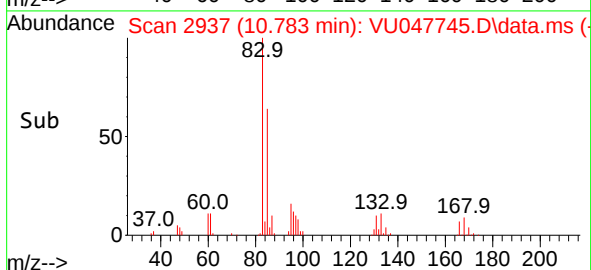
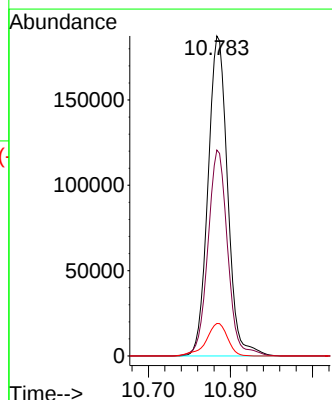
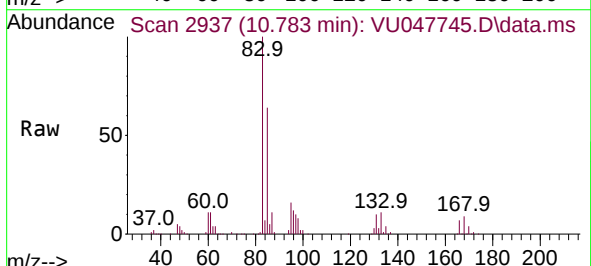
Tgt Ion: 83 Resp: 310668

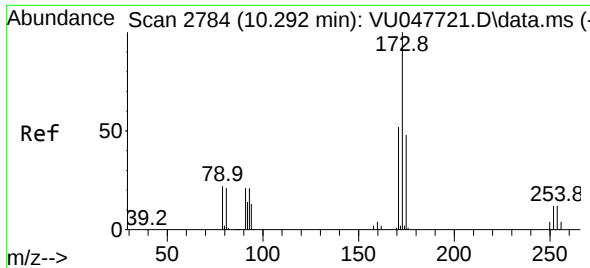
Ion Ratio Lower Upper

83 100

85 64.3 44.9 83.3

131 10.2 8.6 13.0

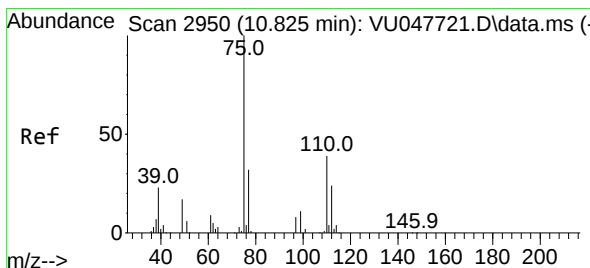
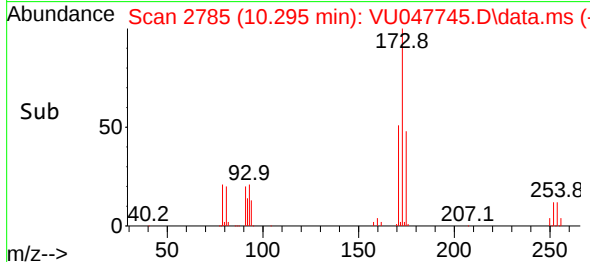
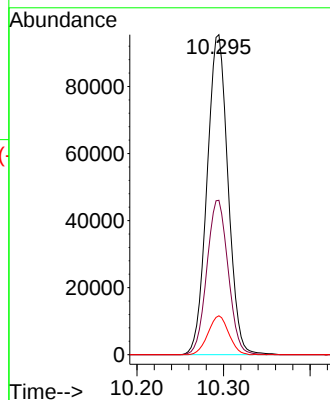
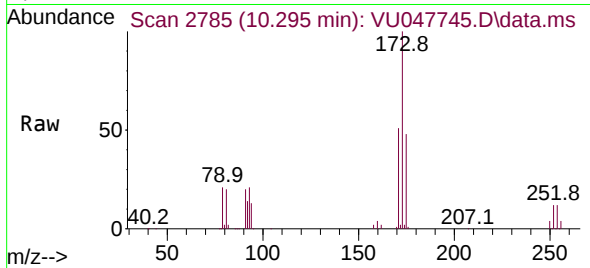




#59
Bromoform
Concen: 55.357 ug/L
RT: 10.295 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

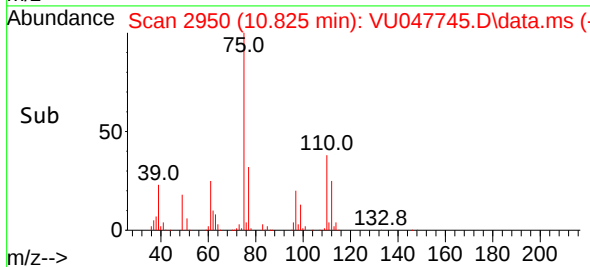
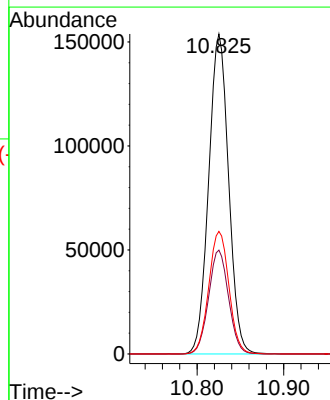
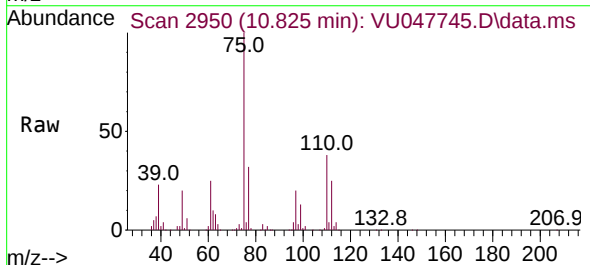
Instrument :
MSVOA_U
ClientSampleId :

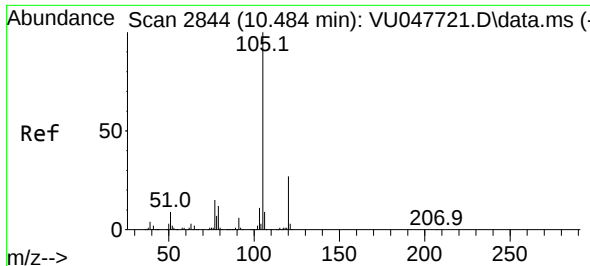
Tgt Ion:173 Resp: 160626
Ion Ratio Lower Upper
173 100
175 49.0 38.7 58.1
254 12.0 9.6 14.4



#60
1,2,3-Trichloropropane
Concen: 57.389 ug/L
RT: 10.825 min Scan# 2950
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Tgt Ion: 75 Resp: 245494
Ion Ratio Lower Upper
75 100
77 32.5 26.0 39.0
110 38.9 31.4 47.2

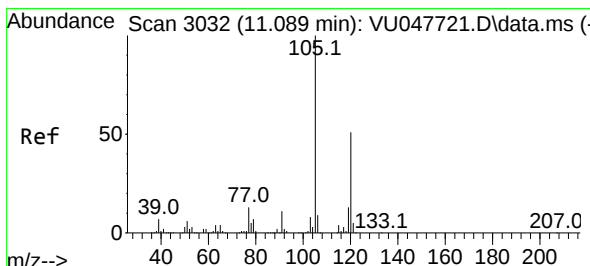
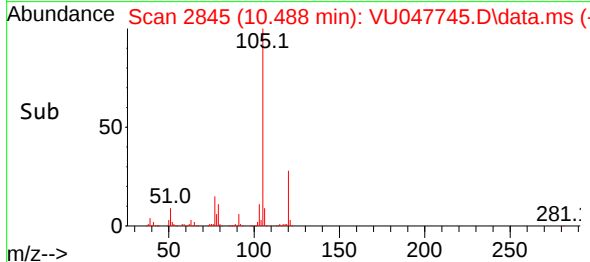
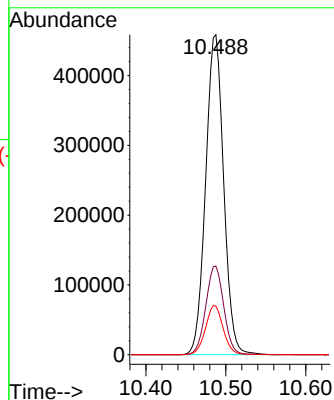
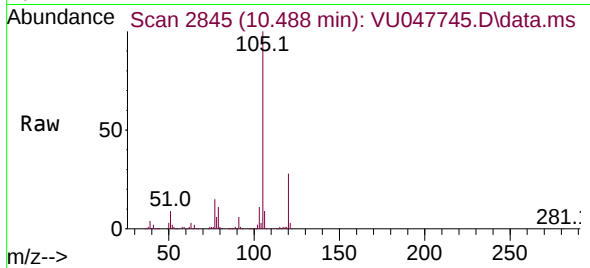




#61
Isopropylbenzene
Concen: 58.736 ug/L
RT: 10.488 min Scan# 2845
Delta R.T. 0.003 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

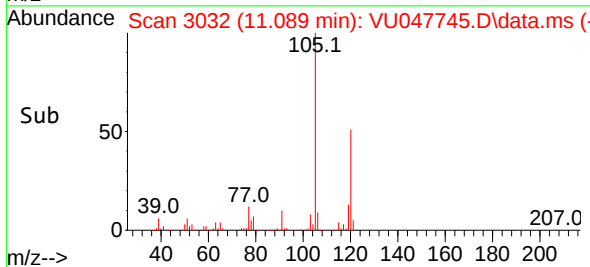
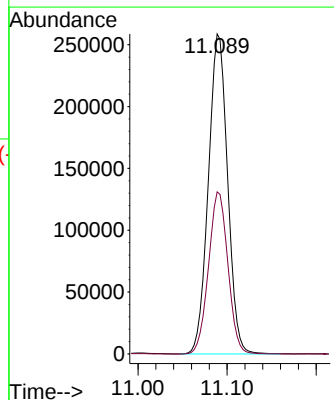
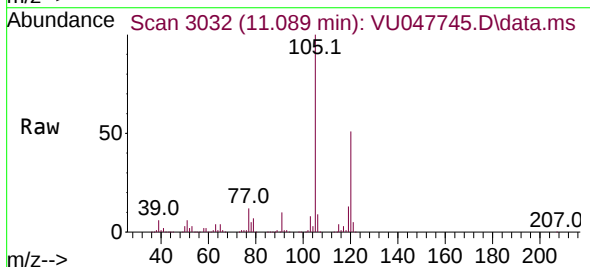
Instrument :
MSVOA_U
ClientSampleId :

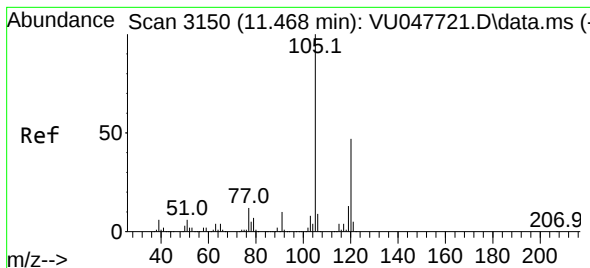
Tgt Ion:105 Resp: 720315
Ion Ratio Lower Upper
105 100
120 27.7 21.9 32.9
77 15.1 12.1 18.1



#62
1,3,5-Trimethylbenzene
Concen: 58.253 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Tgt Ion:105 Resp: 387613
Ion Ratio Lower Upper
105 100
120 51.0 40.8 61.2





#63

1,2,4-Trimethylbenzene

Concen: 60.114 ug/L

RT: 11.468 min Scan# 3150

Delta R.T. -0.000 min

Lab File: VU047745.D

Acq: 29 Mar 2022 10:51

Instrument :

MSVOA_U

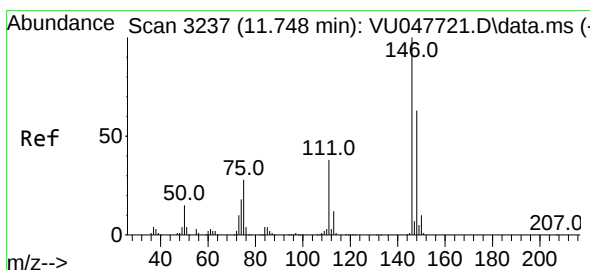
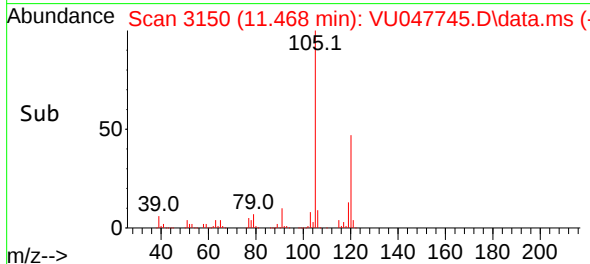
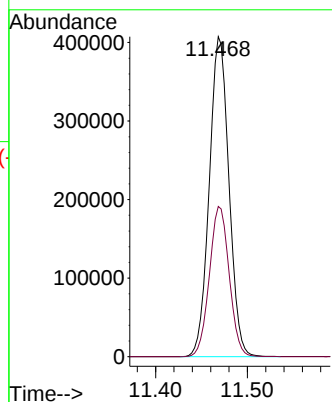
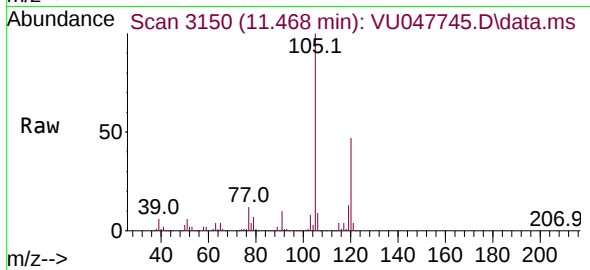
ClientSampleId :

Tgt Ion:105 Resp: 607589

Ion Ratio Lower Upper

105 100

120 47.2 37.6 56.4



#64

1,3-Dichlorobenzene

Concen: 56.313 ug/L

RT: 11.745 min Scan# 3236

Delta R.T. -0.003 min

Lab File: VU047745.D

Acq: 29 Mar 2022 10:51

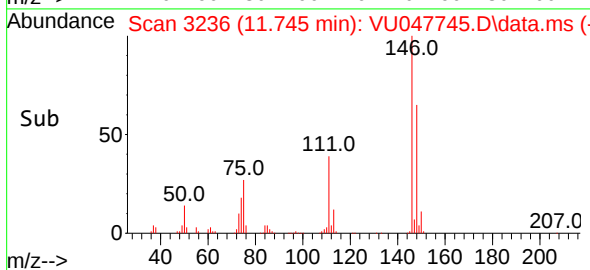
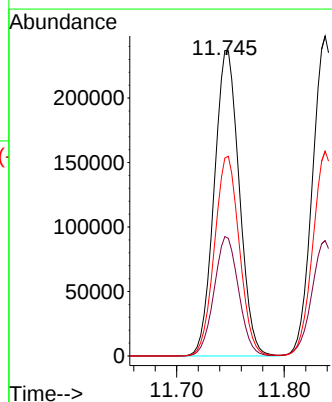
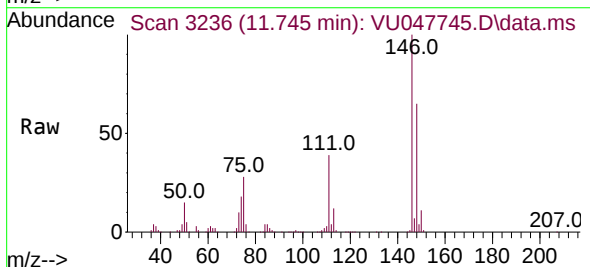
Tgt Ion:146 Resp: 383851

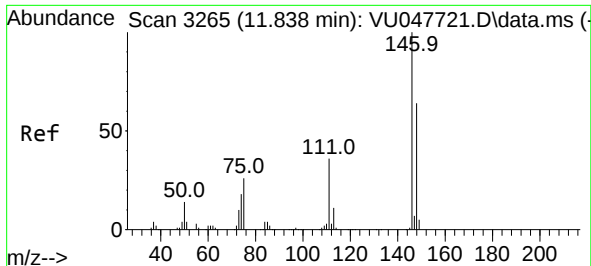
Ion Ratio Lower Upper

146 100

111 39.1 26.7 49.7

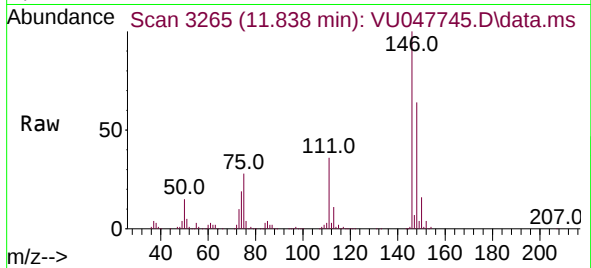
148 64.8 44.4 82.5



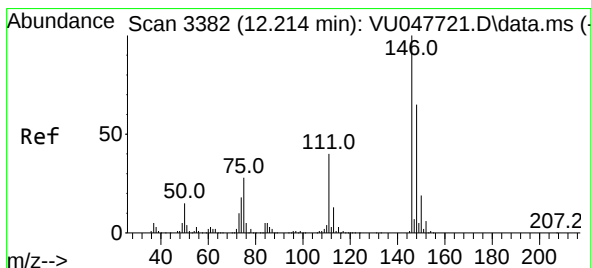
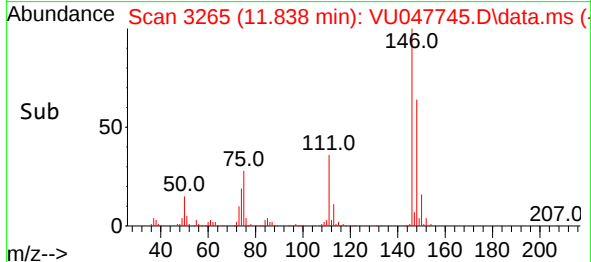
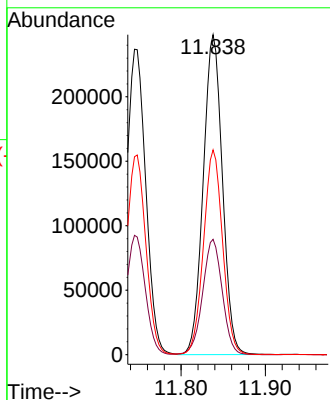


#65
1,4-Dichlorobenzene
Concen: 55.620 ug/L
RT: 11.838 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Instrument :
MSVOA_U
ClientSampleId :

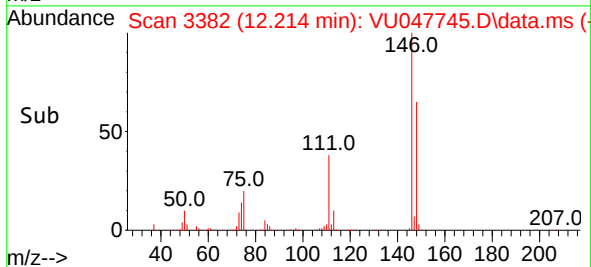
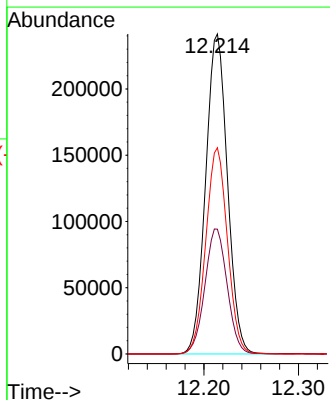
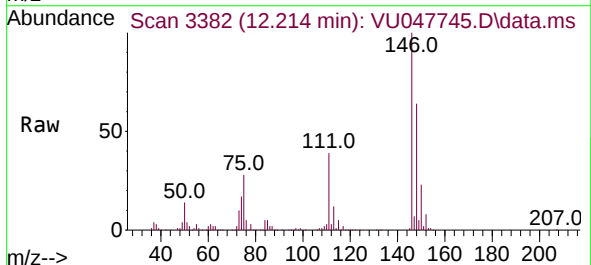


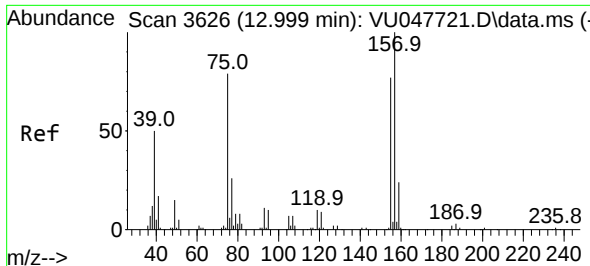
Tgt Ion:146 Resp: 392699
Ion Ratio Lower Upper
146 100
111 36.0 25.3 47.1
148 64.0 44.5 82.7



#67
1,2-Dichlorobenzene
Concen: 56.684 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Tgt Ion:146 Resp: 386612
Ion Ratio Lower Upper
146 100
111 39.0 31.7 47.5
148 64.5 51.4 77.2

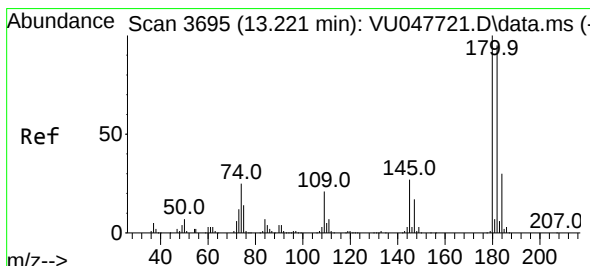
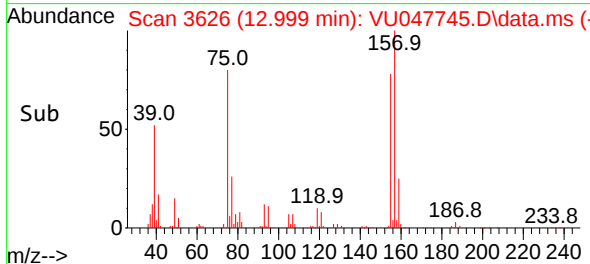
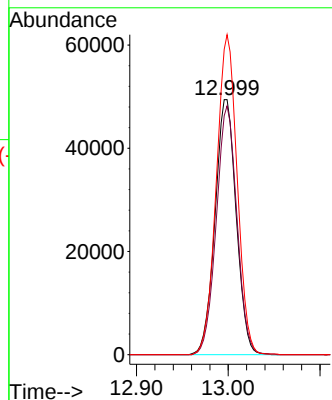
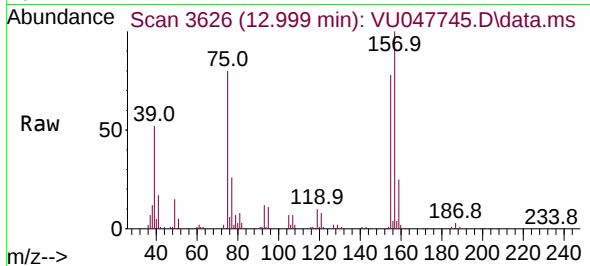




#68
 1,2-Dibromo-3-chloropropane
 Concen: 57.869 ug/L
 RT: 12.999 min Scan# 3626
 Delta R.T. -0.000 min
 Lab File: VU047745.D
 Acq: 29 Mar 2022 10:51

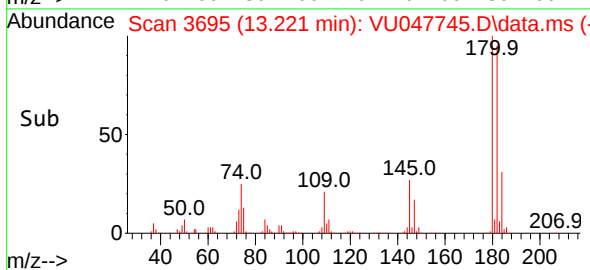
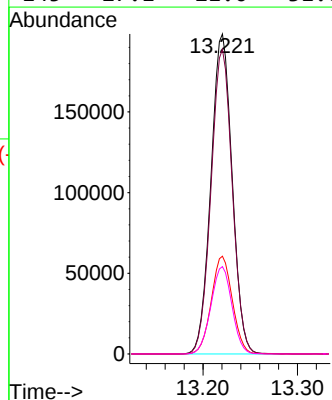
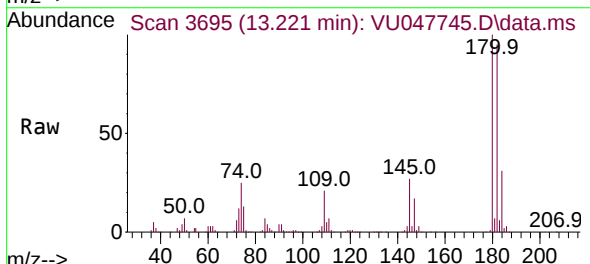
Instrument :
 MSVOA_U
 ClientSampleId :

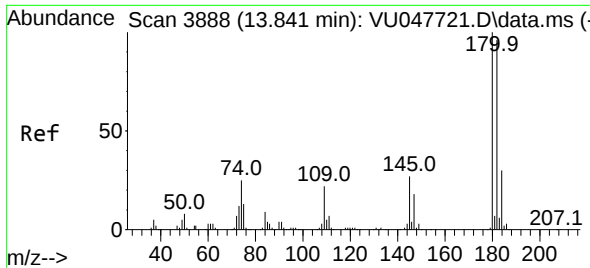
Tgt Ion: 75 Resp: 79295
 Ion Ratio Lower Upper
 75 100
 155 97.6 78.9 118.3
 157 125.5 97.5 146.3



#69
 1,3,5-Trichlorobenzene
 Concen: 55.708 ug/L
 RT: 13.221 min Scan# 3695
 Delta R.T. -0.000 min
 Lab File: VU047745.D
 Acq: 29 Mar 2022 10:51

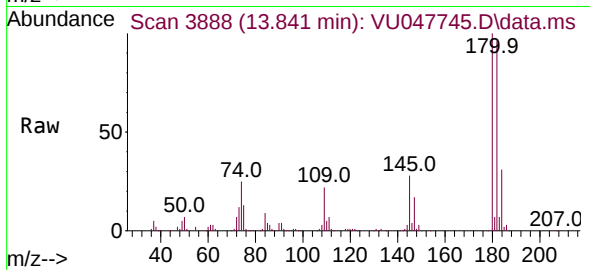
Tgt Ion:180 Resp: 308393
 Ion Ratio Lower Upper
 180 100
 182 95.4 77.0 115.6
 184 30.4 24.5 36.7
 145 27.1 21.0 31.6



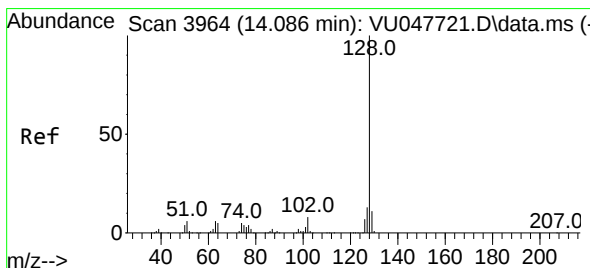
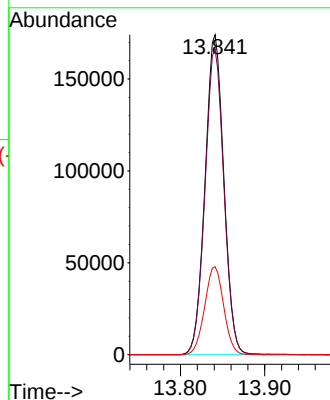
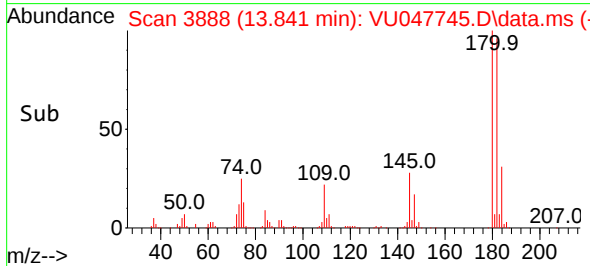


#70
1,2,4-trichlorobenzene
Concen: 55.822 ug/L
RT: 13.841 min Scan# 3888
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

Instrument :
MSVOA_U
ClientSampleId :

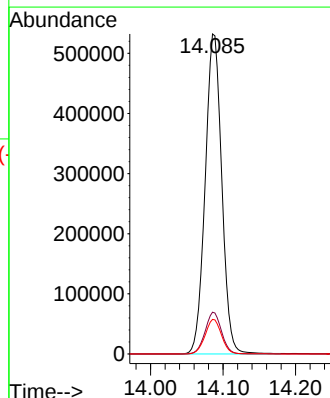
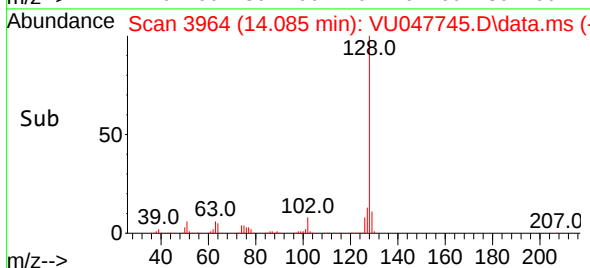
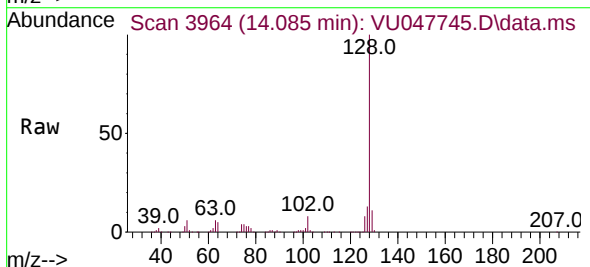


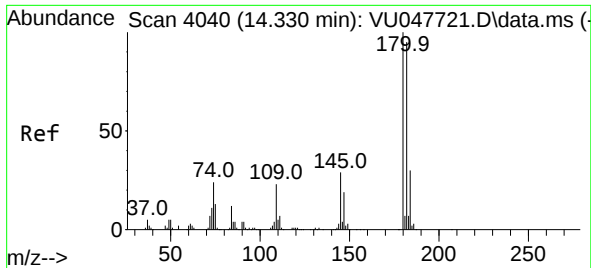
Tgt Ion:180 Resp: 270679
Ion Ratio Lower Upper
180 100
182 95.9 76.2 114.2
145 27.8 21.8 32.8



#71
Naphthalene
Concen: 58.472 ug/L
RT: 14.085 min Scan# 3964
Delta R.T. -0.000 min
Lab File: VU047745.D
Acq: 29 Mar 2022 10:51

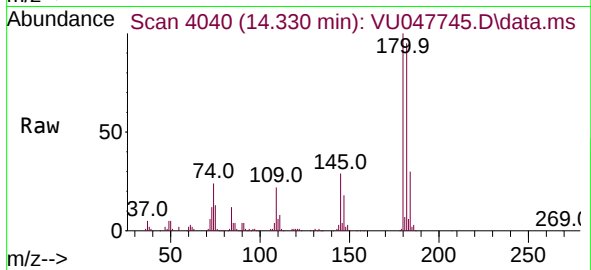
Tgt Ion:128 Resp: 845300
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.2
129 10.7 8.8 13.2





#72
 1,2,3-Trichlorobenzene
 Concen: 53.772 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. -0.000 min
 Lab File: VU047745.D
 Acq: 29 Mar 2022 10:51

Instrument :
 MSVOA_U
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	77.4	116.0
145	29.0	22.8	34.2

